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UNIVERSITY OF LONDON, UNIVERSITY COLLEGE

REPORT OF THE UNIVERSITY COLLEGE COMMITTEE

(February 1914—February 1915),

WITH

FINANCIAL STATEMENTS

(FOR THE SESSION 1913-14),

AND

OTHER DOCUMENTS,

FOR PRESENTATION TO

THE SENATE.

LONDON:

PRINTED BY TAYLOR AND FRANCIS, RED LION COURT, FLEET STREET.

1915.

COLLEGE COMMITTEE

(For the Year ending February 28th, 1915.)

Chairman: The Right Hon. Lord Reay, K.T., G.C.S.I., G.C.I.E., LL.D., D.Litt., Litt.D., F.B.A.

Vice-Chairman: Sir Edward H. Busk, M.A., LL.B.†

Treasurer: *Felix Victor Schuster, B.A. (Chairman of the Budget Sub-Committee).

*Walter Baily, M.A.

*J. Bourne Benson, B.A.,LL.D.† (Chairman of the Managing Sub-Committee until Nov. 1914).

Professor Sir John R. Bradford, K.C.M.G., C.B., M.D., F.R.S.†

*Professor J. N. Collie, Ph.D., LL.D., F.R.S.

*G. Carey Foster, B.A., LL.D., D.Sc., F.R.S.†

*T. Gregory Foster, B.A., Ph.D.† (Provost).

*Professor E. A. Gardner, Litt.D.

*Professor E. J. Garwood, M.A., Sc.D., F.R.S.

*Margaret A. Gilliland, M.A.†

Sir Alfred Pearce Gould, K.C.V.O., M.S., F.R.C.S.†

*The Hon. Rupert Guinness, C.B., C.M.G., M.P.

C. Hawksley, M.Inst.C.E.

The Rt. Hon. Lord Herschell, M.V.O.

*H. Keene (Vice-Chairman of the Managing Sub-Committee from Feb. 7, 1915).

*T. Lambert Mears, M.A., LL.D.

*Sir Henry A. Miers, M.A., D.Sc., F.R.S. (Principal of the

*W. E. Mullins, M.A. [University).

*Professor A. F. Murison, M.A., LL.D.

C. Fellows Pearson (Past Master of the Drapers' Company).

Professor E. H. Starling, M.D., B.S., F.R.C.P., F.R.S.

*Andrew T. Taylor, L.C.C., R.C.A., F.R.I.B.A. (Chairman of the Managing Sub-Committee from Feb. 7, 1915).

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* Member of Managing Sub-Committee.
† Fellow of the College.

ADMINISTRATIVE OFFICERS.

PROVOST.
T. GREGORY FOSTER, B.A., Ph.D.†

SECRETARY.
WALTER W. SETON, M.A.

Publications Secretary.—H. Todd Thornbery, B.Sc.

Accountant.—Arthur J. Short (to Dec. 9th, 1914.)
E. Bert Hicks (from Feb. 15th, 1915)
Cashier.—Alfred E. G. Attoe (to Oct. 3rd, 1914).
G. Murdoch (from Feb. 1st, 1915).
Accounts Assistant.—J. G. H. Howard.
Junior Cashier.—G. A. Williams.

Senior Clerk.—L. R. Beard (to Dec. 5th, 1914).
Oswald V. Lawley (from Jan. 18th, 1915).
Junior Clerk.—J. G. Byrnell.
Clerk to Publications Secretary.—H. R. Stringer.
Confidential Clerks—Frances E. Craggs.
Ethel L. Burr.
Bessie G. Greig.
Dorothy B. Handy.
Dorothy N. Jones, B.A.

TUTOR TO WOMEN STUDENTS.
Winifred Smith, B.Sc.

AUDITOR.
G. W. Knox, B.Sc., F.C.A.

HONORARY SANITARY ADVISER.
Professor H. R. Kenwood, M.B., D.P.H.

LIBRARY STAFF.
Librarian.—R. W. Chambers, M.A., D.Lit.†
Sub-Librarian.—L. Newcombe.
Assistant Librarian.—R. Offor, B.A.
Senior Library Assistant.—W. Bonser, B.A.
Junior Library Assistants—J. A. Wilks.
A. L. Edwards.
Cataloguing Assistant.—Norah Beale, B.A.

SUPERINTENDENT OF COLLEGE BUILDINGS.
H. Wesley Voysey.

FOREMAN OF COLLEGE BUILDING .
W. H. Willsteed.

STEWARD.
May Andrews.

† Fellow of the College.

University of London, University College.

To Mr. F. V. Schuster, *Treasurer*,
University College (Gower Street, London, W.C.)

I hereby promise to give..... { in one sum / in equal yearly instalments of..... }

for { the general purposes† / *..... } of University College.

Name.....

Address.....

Date.....

† Gifts for general purposes will help to reduce the deficit caused by the War.
* Insert here any Special Purpose that you desire to benefit.

University of London, University College Equipment and Endowment Fund.

To His Royal Highness, Prince Arthur of Connaught, K.G.,
President, Equipment and Endowment Fund,
University College, London.

I enclose herewith cheque for { £..... / in one sum } as a
I hereby promise to give { £.....in equal yearly instalments of..... } Subscription
to the Equipment and Endowment Fund.*

Name.....

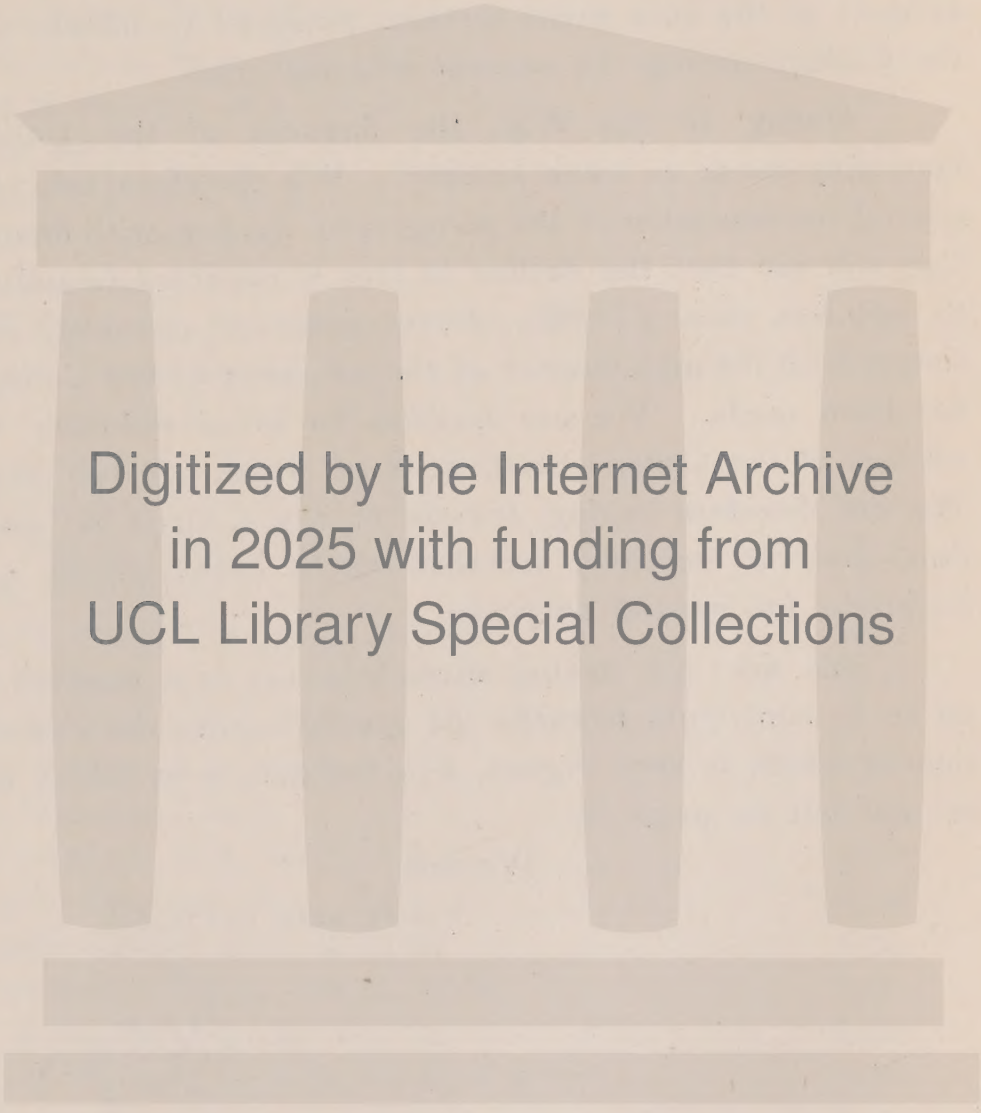
Address.....

Date.....

* Subscribers may specify the object or objects to which they wish their subscriptions devoted. If no such specification be made subscriptions will be utilised by the Committee for one or other of the following most pressing needs :—

	Amount required.
(1) Chemical Laboratories, Equipment	£13,652
(2) Completion of Buildings for Department of Applied Statistics and Eugenics (Gower Street Front)	5,000
(3) Great Hall, purchase and reconstruction	12,075

Cheques for either Fund should be drawn in favour of "University College, London," and crossed "Union of London and Smiths Bank."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University of London, University College.

Dear Sir or Madam,

We have much pleasure in sending you herewith the Annual Report on the work of University College. We think you will find it a report of special interest, both on account of the notably successful Session 1913-14, and on account of the very great services rendered by members of the College during the present national crisis.

Owing to the War, the finances of the College inevitably cause us some anxiety. We therefore ask your special consideration of the paragraphs dealing with finance. You will see that the decline in fees is expected to amount to not less than £10,000. Every practical economy, consistent with the maintenance of the efficiency of the College, has been made. We are anxious to avoid reducing the salaries of the College Staff, none of which are too large. We are therefore asking friends of the College to maintain—and, if possible, increase—their subscriptions and donations for general purposes.

We are also asking those who are in a position to do so to contribute towards the special works, the completion of which is very urgent, and the details of which are set out out on page 16.

We are,

Yours very faithfully,

Rosebery.

Chairman of the
University College Committee.

H. Schuster.

Treasurer.

PROFESSORIAL BOARD.

Chairman.—T. GREGORY FOSTER, B.A., Ph.D.†

	Appointed§
S. D. Adshead, M.A., F.R.I.B.A.	1914
T. W. Arnold, C.I.E., M.A., Litt.D.	1904
L. D. Barnett, M.A., D.Litt.	1906
W. M. Bayliss, M.A., D.Sc., F.R.S.†	1912
Louis M. Brandin, M.A., Ph.D.	1901
Fredk. Brown	1892
Harold E. Butler, M.A.	1911
M. O. B. Caspari, M.A.	1908
C. P. Caspersz	1913
R. W. Chambers, M.A., D.Lit.† [Librarian]	1913
Antonio Cippico, Dr. J.	1912
E. G. Coker, M.A., D.Sc., M.Inst.C.E.	1914
J. Norman Collie, Ph.D., LL.D., F.R.S.	1902
A. R. Cushny, M.A., M.D., F.R.S.	1905
F. G. Donnan, M.A., Ph.D., F.R.S.	1913
W. H. Eccles, D.Sc.	1912
L. N. G. Filon, M.A., D.Sc., F.R.S.†	1912
J. A. Fleming, M.A., D.Sc., F.R.S.†	1885
H. S. Foxwell, M.A., F.B.A.	1881
R. W. Frazer, B.A., LL.B.	1907
E. A. Gardner, Litt.D.	1896
E. J. Garwood, M.A., Sc.D., F.R.S.	1901
Hermann Gollancz, M.A., D.Lit.	1902
Vaughan Harley, M.D., M.R.C.P.	1896
G. Dawes Hicks, M.A., Litt.D., Ph.D.	1904
J. P. Hill, D.Sc., F.R.S.	1906
M. J. M. Hill, M.A., Sc.D., LL.D., F.R.S.†	1884
H. Hirschfeld, Ph.D.	1907
G. H. J. Hurst, M.A., LL.M.	1908
H. R. Kenwood, M.B., D.P.H.	1904
W. P. Ker, M.A., LL.D., Litt.D., F.B.A.	1889
R. W. Lee, M.A., B.C.L.	1906
L. W. Lyde, M.A.	1903

† Fellow of the College.

§ The dates given in the case of Professors are those in which they were appointed to their respective Chairs; in the case of others, the dates are those in which they were appointed members of the Professorial Board.

	Appointed§
Sir JOHN MACDONELL, K.C.B., M.A., LL.D.	1901
P. J. MANTOUX, D. ès Lettres	1913
E. R. MATTHEWS, A.M.Inst.C.E.	1914
F. C. MONTAGUE, M.A.†	1893
J. H. MORGAN, M.A.	1915
A. F. MURISON, M.A., LL.D.	1883
J. W. NEILL	1896
F. W. OLIVER, M.A., D.Sc., F.R.S.†	1890
KARL PEARSON, M.A., LL.D., F.R.S.	1884
W. M. FLINDERS PETRIE, D.C.L., LL.D., F.R.S., F.B.A.	1892
T. G. PINCHES, LL.D.	1907
J. ARTHUR PLATT, M.A.	1894
R. H. PLIMMER, D.Sc.†	1913
A. F. POLLARD, M.A., Litt.D.	1903
A. W. PORTER, D.Sc., F.R.S.†	1912
R. PRIEBSCH, Ph.D.	1898
J. G. ROBERTSON, M.A., B.Sc., Ph.D.	1913
G. RUDLER, D. ès Lettres	1913
F. M. SIMPSON, F.R.I.B.A.	1903
R. ELSEY SMITH, F.R.I.B.A.	1913
C. SPEARMAN, Ph.D.	1911
E. H. STARLING, M.D., F.R.C.P., F.R.S.	1899
C. D. STEEL, B.A.	1913
G. D. THANE, LL.D., Sc.D., F.R.C.S.	1877
F. W. THOMAS, M.A., Ph.D.	1913
J. HAVARD THOMAS	1915
F. T. TROUTON, M.A., Sc.D., F.R.S. ‡	1902
C. E. WILSON, B.A.	1902
A. WOLF, M.A., D.Lit.†	1911

BOARD OF INDIAN STUDIES.

The Rt. Hon. LORD REAY, K.T., G.C.S.I., G.C.I.E., LL.D., D.Litt., Litt.D., F.B.A. (Chairman).
The PROVOST.
H. KEENE.
Professor J. W. NEILL (Censor of the Indian School).
Professor T. W. ARNOLD, C.I.E., M.A., Litt.D.
Professor L. D. BARNETT, M.A., D.Litt.

† Fellow of the College.
‡ Resigned as from Christmas 1914.
§ The dates given in the case of Professors are those in which they were appointed to their respective Chairs; in the case of others, the dates are those in which they were appointed members of the Professorial Board.

DEPARTMENTS AND STAFF.

(*February* 1915.)

[The names of Members of the respective Faculties are printed in SMALL CAPITALS.]

Faculty of Arts.

Dean.—Professor H. E. BUTLER.
Vice-Dean.—Professor L. M. BRANDIN.
Sub-Dean.—L. SOLOMON.

Subject.	*Name.*	*Status.*
Arabic	T. W. ARNOLD, C.I.E., M.A., Litt.D.	Professor.
Archæology	E. A. GARDNER, Litt.D.	Yates Professor.
Architecture	F. M. SIMPSON, F.R.I.B.A.	Professor and Director of the School.
	R. ELSEY SMITH, F.R.I.B.A.	Professor.
	S. D. ADSHEAD, M.A., F.R.I.B.A.	Professor of Town Planning.
	Sir John J. Burnet, A.R.S.A., LL.D., F.R.I.B.A.	Special Visitor for Academic Design Class.
	Leonard Stokes, F.R.I.B.A. Edward Warren, F.S.A., F.R.I.B.A.	Special Visitors for Evening Design Class.
	LESLIE WILKINSON, A.R.I.B.A.	Assistant Professor.
	Arthur Stratton, F.R.I.B.A., F.S.A.	Lecturer.
Assyriology	T. G. Pinches, LL.D.	Lecturer.
Bengali	C. P. Caspersz	Lecturer.
Burmese	A. L. Hough	Reader.
Economic Geography	L. W. LYDE M.A.	Professor.
	Laura Parnell	Hon. Demonstrator.
Egyptology and Coptic	W. M. FLINDERS PETRIE, D.C.L., LL.D., F.R.S., F.B.A.	Edwards Professor.
	MARGARET A. MURRAY	Assistant.
English	W. P. KER, M.A., LL.D., F.B.A.	Quain Professor.
	R. W. CHAMBERS, M.A., D.Lit.†	Reader.
	J. H. G. GRATTAN, B.A.	Assistant.
	T. GREGORY FOSTER, B.A., Ph.D.†	Lecturer.
	A. C. WOOD, M.A.†	Quain Student.

† Fellow of the College.

Subject.	*Name.*	*Status.*
Fine Arts	Fredk. Brown	Slade Professor.
	J. Havard Thomas.....	Professor of Sculpture.
	H. Tonks	Assistant Professor.
	P. W. Steer	Assistant Teacher.
	J. Poole Addey.....	Assistant Teacher.
	W. W. Russell	Assistant.
	D. Lees	Assistant.
	Ambrose McEvoy	Assistant.
	Tancred Borenius, Ph.D. ..	Lecturer.
	Sidney Mawson	Lecturer.
French	Louis M. Brandin, M.A., Ph.D.	Fielden Professor.
	G. Rudler, D. ès Lettres .	Professor.
	P. V. Thomas, M.A.....	Assistant.
Geography	E. J. Garwood, M.A., Sc.D., F.R.S.	Yates-Goldsmid Professor.
	L. W. Lyde, M.A.	Professor.
	M. T. M. Ormsby, M.Inst.C.E.I.	Reader (Surveying).
German	R. Priebsch, Ph.D.....	Professor.
	J. G. Robertson, M.A., B.Sc., Ph.D.	Professor.
	W. Perrett, Ph.D.	Reader.
	A. G. Haltenhoff	Assistant.
Greek	J. Arthur Platt, M.A...	Professor.
	L. Solomon, M.A.	Assistant.
Gujárati	S. A. Kapadia, M.D.	Reader.
Hebrew	Hermann Gollancz, M.A., D.Lit.	Goldsmid Professor.
Hindi..... / Hindustani	C. D. Steel, B.A.	Lecturer.
History; Mediæval & Modern....	F. C. Montague, M.A.† ..	Astor Professor.
,, English	A. F. Pollard, M.A., Litt.D.	Professor.
	E. A. Fulton, M.A.....	Assistant.
	Rachel R. Reid, M.A., D.Lit.†	Assistant.
,, ; American and Colonial.	A. P. Newton, M.A., D.Lit., B.Sc.	Lecturer.
	Eliza Jeffries Davis, M.A..	Seminar Assistant.
,, ; Modern French.	P. J. Mantoux, D. ès Lettres	Professor.
,, ; Ancient	M. O. B. Caspari, M.A...	Reader.
	Norman H. Baynes, M.A.	Assistant.
,, of India	J. W. Neill	Lecturer.
Italian..... ...	Antonio Cippico, Dr. J...	Lecturer.
,, (Dante)	Edmund G. Gardner, M.A. Litt.D.	Barlow Lecturer.
Latin	H. E. Butler, M.A.	Professor.
	L. Solomon, M.A.	Assistant.
Marathi	J. W. Neill	Reader.

† Fellow of the College.

Subject.	*Name.*	*Status.*
Mathematics (Applied) and Mechanics.	L. N. G. Filon, M.A., D.Sc., F.R.S.†	Goldsmid Professor.
	M. T. M. Ormsby, M.Inst. C.E.I.	Reader (Surveying).
	G. B. Jeffery, B.Sc.	Assistant.
	T. A. Ellis, B.Sc.	Assistant.
Mathematics (Pure)	M. J. M. Hill, M.A., Sc.D., LL.D., F.R.S.†	Astor Professor.
	H. J. Harris, B.A.	Assistant.
	J. H. Dibb, M.A., B.Sc. ..	Assistant.
	F. Jackson, M.A., B.Sc. ..	Assistant.
	T. A. Ellis, B.Sc.	Assistant.
	G. N. Watson, M.A.	Assistant.
Military Science	Major G. P. A. Phillips. .	Lecturer.
Pali and Buddhist Literature.	Mabel H. Bode, Ph.D.	Lecturer.
Persian	C. E. Wilson, B.A.	Professor.
Philology; Comparative.	F. W. Thomas, M.A., Ph.D..	Lecturer.
„ ; Germanic ..	R. Priebsch, Ph.D.	Professor.
„ ; Romance ..	Louis M. Brandin, M.A., Ph.D.	Professor.
Philosophy and Psychology.	G. Dawes Hicks, M.A., Litt.D., Ph.D.	Professor (Philosophy).
	C. Spearman, Ph.D.	Grote Professor (Mind and Logic).
	A. Wolf, D.Lit., M.A. (Cantab.)†	Reader (Logic and Ethics).
	J. Flügel, B.A.	Assistant (Psychology).
	Ll. Wynn-Jones, Ph.D. ..	Assistant.
	M. Ginsberg, B.A.....	John Stuart Mill Scholar.
	Carveth Read, M.A.....	Lecturer.
	F. Aveling, D.Sc., Ph.D., D.D.	Lecturer.
	E. N. McQueen, M.A.	Hon. Demonstrator.
Phonetics	D. Jones, M.A.....	Reader.
	G. Noël-Armfield	Assistant.
	Stephen Jones, B.Sc.	Assistant.
Political Economy.....	H. S. Foxwell, M.A., F.B.A.	Professor.
	A. W. Flux, M.A., F.S.S. .	Newmarch Lecturer.
Sanskrit	L. D. Barnett, D.Litt. ..	Professor.
	J. Allan, M.A.	Assistant.
Semitic (North) Epigraphy.	H. Hirschfeld, Ph.D.	Lecturer.
Tamil and Telugu	R. W. Frazer, B.A., LL.B. .	Reader.
Tibetan	F. W. Thomas, M.A., Ph.D.	Reader.

† Fellow of the College.

Faculty of Laws.

Dean.—Professor A. F. Murison.

Vice-Dean.—Professor J. W. Neill.

Subject.	*Name.*	*Status.*
Comparative Law	Sir John Macdonell, K.C.B., M.A., LL.D.	Quain Professor.
Constitutional Law	J. H. Morgan, M.A.	Professor.
English History.....	A.F.Pollard,M.A.,Litt.D.	Professor.
English Law	G.H.J.Hurst,M.A.,LL.M.	Reader.
Indian Law	J. W. Neill	Professor.
Jurisprudence.....	A. F. Murison, M.A., LL.D.	Professor.
Roman Dutch Law	R. W. Lee, M.A., B.C.L...	Professor.
Roman Law	A. F. Murison. M.A., LL.D.	Professor.

Faculty of Science.

Dean.—Professor F. G. Donnan.

Vice-Dean.—Professor F. W. Oliver.

Sub-Dean.—H. J. Harris.

Botany	F. W. Oliver, M.A., D.Sc., F.R.S.†	Quain Professor.
	T. G. Hill, A.R.C.S.	Reader (Plant Physiology).
	E. M. Cutting, M.A.	Assistant.
	Winifred Smith, B.Sc.....	Lecturer.
	Marie Stopes, D.Sc., Ph.D.†	Lecturer.
	Ethel N. Thomas, D.Sc. ..	Lecturer.
	Sarah M. Baker, D.Sc.	Quain Student.
Chemistry	J. Norman Collie, D.Sc. LL.D., Ph.D., F.R.S.	Professor (Organic) and Director of Laboratories.
	F.G.Donnan, M.A.,Ph.D., F.R.S.	Professor (General).
	Samuel Smiles, D.Sc.† ..	Assistant Professor.
	Katherine A. Burke, B.Sc.	Assistant.
	R. E. Slade, D.Sc.	Assistant.
	W. B. Tuck, D.Sc.	Assistant.
	Irvine Masson, M.Sc. ..	Assistant.
	H. Terrey, B.Sc.	Assistant.
	E. Arundel	Demonstrator.
	L. F. Gilbert, B.Sc.....	Demonstrator.
	R. F. Hunwicke, B.Sc. ..	Demonstrator.
	N. Morrison, B.Sc.	Demonstrator.
	D. H. B. Wride, B.Sc....	Demonstrator.

† Fellow of the College.

Subject.	*Name.*	*Status.*
Applied Statistics and Eugenics.	KARL PEARSON, M.A., LL.D., F.R.S.	Galton Professor and Director of the Laboratories.
	DAVID HERON, M.A., D.Sc.	Assistant Director.
	Ethel M. Elderton	Galton Fellow.
	H. E. Soper, M.A.	Assistant.
	Beatrice M. Cave-Browne-Cave.	Assistant.
	Adelaide G. Davin, B.Sc...	Assistant.
	Amy Barrington	Librarian.
	H. Gertrude Jones	Hon. Secretary (Eugenics Laboratory).
Geology, Physical Geography, and Mineralogy.	E. J. GARWOOD, M.A., Sc.D., F.R.S.	Yates-Goldsmid Professor.
	J. V. Elsden, D.Sc.	Assistant.
	Edith Goodyear, B.Sc. ..	Museum Assistant.
	E. W. Simmons, B.Sc.	Demonstrator.
Pathological Chemistry..	VAUGHAN HARLEY, M.D., M.R.C.P.	Professor.
	F. W. GOODBODY, M.D. M.R.C.P	Assistant Professor.
Pharmacology	ARTHUR R. CUSHNY, M.A., M.D., F.R.S.	Professor.
	J. W. C. Gunn, M.A., M.B., Ch.B.	Assistant.
Physics	(*Vacant.*)	Quain Professor.
	A. W. PORTER, D.Sc., F.R.S.†	Reader (Thermodynamics).
	N. EUMORFOPOULOS, B.Sc.†	Assistant.
	A. O. Rankine, D.Sc.†	Assistant.
	D. Orson Wood, B.Sc.	Assistant.
Physiology	E. H. STARLING, M.D., B.S., F.R.C.P., F.R.S.	Jodrell Professor.
	W. M. BAYLISS, M.A., D.Sc., F.R.S.†	Professor (General Physiology).
	G. A. Buckmaster, M.A., M.D., D.P.H.	Reader (Applied Physiology).
	R. H. PLIMMER, D.Sc.† ..	Reader (Physiological Chemistry).
	C. Lovatt Evans, D.Sc. ..	Assistant & Sharpey Scholar.
	W. W. Reeve, B.Sc.....	Assistant (Chem. Physiology).
	Ruth Skelton, B.Sc.	Demonstrator.
Zoology and Comparative Anatomy.	J. P. HILL, D.Sc., F.R.S...	Jodrell Professor.
	C. H. O'DONOGHUE. D.Sc.†	Senior Assistant.
	F. J. Bridgman, A.R.C.S...	Assistant.
	Katharine M. Parker, B.Sc.	Assistant.
	D. M. S. Watson, M.Sc. ..	Lecturer.

[The Professors of Anatomy, Archæology, Economic Geography, Egyptology, Pure Mathematics, Applied Mathematics and Mechanics, Philosophy of Mind and Logic, and Political Economy, Dr. Derry, Major Phillips, and Mr. Watson are also Members of this Faculty.]

† Fellow of the College.

Faculty of Engineering.

Dean.—Professor J. A. Fleming.
Vice-Dean.—Professor E. G. Coker.

Subject.	*Name.*	*Status.*
Engineering; Civil, and Mechanical.	E. G. Coker, M.A., D.Sc., M.Inst.C.E.	Professor.
	W. H. Eccles, D.Sc.	Reader (Graphics).
	M. T. M. Ormsby, M.Inst.C.E.I.	Reader (Surveying).
	W. J. Goudie, B.Sc., M.Inst.Mech.E.	Reader (Theory & Practice of Heat Engines).
	H. P. Philpot, B.Sc., A.M. Inst.C.E., A.M.I.Mech.E.	Assistant Professor.
	E. Sprague, A.M.Inst.C.E.	Assistant.
	Arthur H. Barker, B.A., B.Sc.	Lecturer (Heating and Ventilating).
	H. Deans, M.A., M.Inst. C E	Lecturer (Railway Engineering).
	A. T. Walmisley, M.Inst.C.E.	Lecturer (Waterways, Harbours, & Docks.)
	O. R. Walkey	Demonstrator.
	E. T. Bond.....	Demonstrator.
Engineering; Electrical.	J. A. Fleming, M.A., D.Sc., F.R.S.†	Professor.
	W. C. Clinton, B.Sc., M.Inst.E.E.	Assistant Professor.
	P. R. Coursey, B.Sc.	Assistant.
	E. Kilburn Scott, M.Inst. E.E., A.M.Inst.C.E.	Lecturer.
Engineering; Municipal.	Ernest R. Matthews, A.M.Inst.C.E., F.R.San.I.	Edwin Chadwick Professor.
	M. T. M. Ormsby, M.Inst. C.E.I.	Reader (Surveying).
Hygiene and Public Health.	H. R. Kenwood, M.B., D.P.H., F.R.S.E.	Chadwick Professor.
	A.R.G. Foulerton, F.R.C.S., D.P.H.	Lecturer.
	W. W. Jameson, M.A., M.D., M.R.C.P., D.P.H.	Assistant & Lecturer.

[The Professors of Architecture, Chemistry (General), Geology, Mathematics (Pure), Applied Mathematics and Mechanics, and Town Planning, together with Mr. Dibb, Dr. Elsden, Dr. Porter, and Mr. Orson Wood, are also Members of this Faculty.]

† Fellow of the College.

Faculty of Medical Sciences.

Dean.—Professor A. R. Cushny.
Vice-Dean.—Professor G. D. Thane.

Subject.	*Name.*	*Status.*
Anatomy	G. D. Thane, LL.D., Sc.D., F.R.C.S.	Professor.
	H. T. Mant, M.S., F.R.C.S.	Demonstrator, Lecturer in Surgical Anatomy.
	D. E. Derry, M.B., Ch.B.	Demonstrator, Lecturer in Physical Anthropology & Curator of Museum.
	T. B. Johnston, M.B., Ch.B.	Demonstrator, Lecturer in Anatomy.
	J. A. Binning	Assist. Demonstrator.
	R. O. Eades	Assist. Demonstrator.
Botany	F. W. Oliver, M.A., D.Sc., F.R.S.†	Quain Professor.
	T. G. Hill, A.R.C.S.	Reader (Plant Physiology).
	E. M. Cutting, M.A.	Assistant.
Chemistry	J. Norman Collie, LL.D., Ph.D., F.R.S.	Professor (Organic).
	F. G. Donnan, M.A., Ph.D., F.R.S.	Professor (General).
	R. E. Slade, D.Sc.	Assistant.
	R. H. Plimmer, D.Sc.†	Teachers of Chemistry to Medical Students.
	W. B. Tuck, D.Sc.	
	W. W. Reeve, B.Sc.	Demonstrator.
	G. N. White, B.Sc.	Demonstrator.
Hygiene and Public Health.	H. R. Kenwood, M.B., D.P.H., F.R.S.E.	Professor.
	A. R. G. Foulerton, F.R.C.S. D.P.H.	Lecturer.
	W. W. Jameson, M.A., M.D., M.R.C.P., D.P.H.	Assistant & Lecturer.
Pathological Chemistry	Vaughan Harley, M.D., M.R.C.P.	Professor.
	F. W. Goodbody, M.D., M.R.C.P.	Assistant Professor.
Pharmacology	Arthur R. Cushny, M.A., M.D., F.R.S.	Professor.
	J. W. C. Gunn, M.A., M.B., Ch.B.	Assistant.

† Fellow of the College.

Subject.	*Name.*	*Status.*
Physics	(*Vacant.*)	Quain Professor.
	A. W. Porter, D.Sc., F.R.S.†	Reader (Thermodynamics).
	N. Eumorfopoulos, B.Sc.† .	Assistant.
	A. O. Rankine, D.Sc.† ..	Assistant.
	D. Orson Wood, B.Sc.	Assistant.
Physiology	E. H. Starling, M.D., B.S., F.R.C.P., F.R.S.	Jodrell Professor.
	W. M. Bayliss, M.A., D.Sc., F.R.S.†	Professor (General Physiology).
	G. A. Buckmaster, M.A., M.D., D.P.H.†	Reader (Applied Physiology).
	R. H. Plimmer, D.Sc.† ..	Reader (Physiological Chemistry).
	C. Lovatt Evans, D.Sc...	Assistant & Sharpey Scholar.
	W. W. Reeve, B.Sc.	Assistant (Chem. Physiology).
Zoology and Comparative Anatomy.	J. P. Hill, D.Sc., F.R.S. .	Jodrell Professor.
	C. H. O'Donoghue, D.Sc.†	Senior Assistant.
	F. J. Bridgman, A.R.C.S.	Assistant.
	D. M. S. Watson, M.Sc...	Lecturer.

PROFESSORES EMERITI.

Daniel Oliver, F.R.S.	Botany	1888
Sir A. B. W. Kennedy, F.R.S.	Mechanical Engineering	1889
E. S. Beesly, M.A.	History	1893
Sir John Williams, Bart., M.D.†	Obstetric Medicine	1893
H. Charlton Bastian, M.A., M.D., F.R.S.†	Medicine and Clinical Medicine	1898
G. Carey Foster, B.A., LL.D., D.Sc., F.R.S.†	Physics	1898
The Rev. T. G. Bonney, D.Sc., F.R.S.	Geology	1901
James Sully, M.A., LL.D.	Philosophy of Mind and Logic	1904
Sir John Tweedy, F.R.C.S., LL.D...	Ophthalmic Medicine and Surgery.	1904
Frederick T. Roberts, M.D., F.R.C.P.†	Medicine and Clinical Medicine	1905
Sir E. Ray Lankester, M.A., LL.D., F.R.S.	Zoology and Comparative Anatomy.	1906
Sir Victor Horsley, M.B., B.S., F.R.C.S., F.R.S.†	Clinical Surgery	1906
Sir Thomas Barlow, Bart., M.D., Pres.R.C.P., F.R.S.	Clinical Medicine	1911
Sir William Ramsay, K.C.B., LL.D., M.S., Ph.D., F.R.S.	Chemistry	1913
Sir Rickman J. Godlee, Bart., M.B., M.S., Pres.R.C.S.†	Clinical Surgery	1914
Bilton Pollard, B.S., F.R.C.S.....	Clinical Surgery	1914

† Fellow of the College.

REPORT OF THE COLLEGE COMMITTEE.

STUDENTS AND FEES.

SESSION 1913–1914.

The total number of Students during the Session 1913–14 was 2206, being an increase of 123 over that of the preceding Session. The Students were distributed as follows:—

	Men.	Women.	Total.
I. Faculty of Arts	193	194	387
Department of Fine Arts	77	200	277
II. Faculty of Science	148	50	198
III. Faculty of Medical Sciences	138	..	138
IV. Faculty of Engineering	134	..	134
V. Faculty of Laws	32	..	32
VI. Post-Graduate and Research ..	313	128	441
Total	1035	572	1607
VII. Evening:			
(*a*) Arts	242	306	548
(*b*) Science.....	22	29	51
Grand total.....	1299	907	2206

There were 760 registered Internal Students of the University, compared with 708 in the previous year. The geographical districts from which the Students came are given in Appendix II. (see p. 75).

The total fees available for the service of the Session 1913–14 amounted to £28,710 15*s.* 5*d.*, an increase of £2,483 8*s.* 11*d.* on the previous Session.

THE CURRENT SESSION (1914–1915).

The number of Students who have completed their registration and paid fees up to January 31st, 1915, is 1075, as compared with 1344 at the corresponding date in 1914. The figure 1075 includes 66 Refugee Students who have completed their registration and paid only nominal fees; deducting these, the total is 1009, which is a decrease of 335. (See also p. 47).

The fees received to January 31st, 1915, amount to £15,074 6*s.* 8*d.*, showing a decrease of £6,531 8*s.* 0*d.* as compared with the corresponding date in 1914.

GENERAL FINANCES.

Financial Year 1913–14.

The Accounts for the year (1913–14) are appended to this Report (see Appendix VII., p. 87).

College Establishment Income and Expenditure Account.

Income.—The increase in income from £66,694 2*s.* 8*d.* to £71,567 17*s.* 0*d.* is due almost entirely to two sources, namely, the increase in the revenue from fees and the revenue from the Galton Fund, which for the first time appears in the College Accounts.

Expenditure.—Increases in expenditure occur under almost all heads, indicating the general growth of the College. There was no deficit on the Refectory, but a small surplus, which is carried forward to the credit of the Refectory Account.

The net result of the year's working is that there is a surplus of £307 14*s.* 9*d.*

The *Grants* from the Treasury, the Board of Education, the London County Council, and other bodies, are set out in full in the Accounts. The list of them (see Appendix III., pp. 76–77) shows how greatly the cost of the educational work done by the College exceeds the amount paid by students.

Subscriptions and Donations (see Appendix III., pp. 76–77) amounted to £2,231 9*s.* 4*d.*, of which £2,184 18*s.* 4*d.* was for special purposes.

The General Balance Sheet.

This shows the general position at the end of the year 1913–14. The Assets are increased by the value of the Physiology and Pharmacology Institutes and of the Egyptology Collection.

The sums required for electric re-wiring and heating have, since

the end of the financial year, been provided out of the new grant for Capital Expenditure from the London County Council (see p. 76).

The special Suspense Account of £692 7*s.* 9*d.* represents a shortage in cash which is referred to in the Report of the Auditor (see Appendix VI., p. 83). This led to the changes in the staff (Accountant and Cashier) recorded on page 2. The sum of £346 3*s.* 10*d.* has been recovered under an Insurance Policy : the Auditor will report further on the matter next year.

The 'Hawarden Castle' public house, which lies immediately to the east of the new Chemical Laboratories, has been purchased, subject to a lease of 38 years, for the sum of £2,253 14*s.* 5*d.*, including costs.

The sum of £1,984 16*s.* 5*d.* was due at the end of the financial year to the General College Account from the Equipment and Endowment Fund Account in respect of certain payments made out of General College Funds, pending the receipt of those Funds by the Equipment and Endowment Fund Committee. The Equipment and Endowment Fund Committee have repaid £1,625 16*s.* 10*d.*

The money required for the Architecture Equipment has, since the end of the financial year, been provided out of the London County Council Grant.

The Current Financial Year (War Estimates).

1914–15.

Immediately after the Declaration of War steps were taken to reduce expenditure in all matters to which the College was not actually committed. The decrease in the number of students due to the War will involve a decrease in fees of not less than £10,000. Notwithstanding this heavy fall in fees, it is estimated that the total deficit on the years' working, in view of other reductions, will not exceed £6,600. Generous offers have already been made by members of the College Staff to assist in reducing this loss. A statement of the position has been sent to the Government, and it is hoped that some help will be forthcoming from public funds. The friends of the College are asked to assist in making up this deficit by maintaining and increasing their subscriptions and donations for the present year.

They are also invited to give such help as they can to enable the most urgent works in progress to be completed. The Equipment and Endowment Fund Committee append to this Report a statement of their financial position (see Appendix IX.). They recognise that their activities must be hampered owing to the War; at the same

time, there are certain works, the completion of which is very urgent and cannot be long delayed without seriously interfering with the work of the College. The following are among the most pressing, and the Equipment and Endowment Fund Committee hope that the funds needed for carrying them out may be speedily forthcoming :—

	£	s.	d.	£	s.	d.
(*a*) Chemical Laboratories :						
(i.) Balance required for ordinary equipment	3,652	0	0			
(ii.) For equipment of Physical and Electrical Chemistry Laboratory	10,000	0	0			
				13,652	0	0
(*b*) Department of Applied Statistics and Eugenics — Gower Street Front : Balance required for completion of building	.....			5,000	0	0
(*c*) Great Hall :						
(i.) Purchase of All Saints' Church.	6,075	13	1			
(ii.) For reconstruction and equipment	6,000	0	0			
				12,075	13	1
Total				£30,727	13	1

In addition, the College Committee are still under the necessity of drawing the attention of the friends of the College to the fact that the many generous benefactions acknowledged by the Equipment and Endowment Fund Committee have not sufficed to relieve the College income from outlay of a capital or quasi-capital nature, which, for want of any other source of payment, has been inevitably thrown upon income, to the detriment of the current work of the College. Income has been compelled to lend to capital, in the hope, only partially realized, that the advance could be recouped by later grants, donations, or subscriptions. Meantime, consequent deficits have to be carried forward, or made good temporarily by a loan from the College bankers, or by curtailing or postponing more or less urgent work, to which the College income would normally be applied.

One such instance is included in the urgent needs summarized above, namely, the purchase out of income, since temporarily recouped by a bank loan, of the disused Church in Gordon Street for conversion into a College Hall. But for the aid thus rendered by income to capital the opportunity of acquiring the Church would have been lost.

Amongst other essential work, the cost of which has been temporarily thrown upon income that cannot permanently bear it, may be

mentioned the re-arrangement and re-equipment of the College buildings consequent upon the removal of the School, so far as the cost, amounting now to £21,332 (including £4,225 spent upon Engineering Equipment), was not covered by the grant of £10,000 made towards it by the London County Council and the Kaye Bequest of £450.

The balance still unprovided for is	£10,882
And to this may be added essential expenditure upon new drainage, amounting to.....	2,800
	£13,682

THE COLLEGE COMMITTEE.

The membership of the College Committee has undergone no change during the past year.

On the renomination of the Committee in Feb. 1914, Dr. Benson resigned the office of Chairman of the Budget Sub-Committee in order that, for the first time, it might be held most appropriately by the Treasurer, and the Committee are indebted to Mr. F. V. Schuster for undertaking this office.

Later in the year, to the regret of the Committee, Dr. Benson felt compelled to resign the Chairmanship of the Managing Sub-Committee, which he had held since the Incorporation of the College in the University. The Managing Sub-Committee have now appointed Mr. A. T. Taylor to be Chairman of the Sub-Committee, and Mr. H. Keene to be Vice-Chairman.

The College Committee desire to place on record their appreciation of Dr. Benson's long and valuable services, and their hope that he may be speedily restored to health and may be able to resume his work for the College. He has consented, at the request of the College Committee, to retain his seat on that body.

REPRESENTATIVES.

The Senate have appointed the following Representatives of the University in respect of University College:—

The Provost on the Governing Body of the School of Oriental Studies; and on the Central Council of the Federated Superannuation System for Universities.

Dr. G. Carey Foster on the Governing Body of the United Westminster Schools. (Re-appointment.)

Professor J. T. Morris on the Governing Body of King Edward VI. Grammar School at Chelmsford.

Mr. Walter W. Seton on the Governing Body of the Central Foundation Schools.

Mr. Daniel Jones as delegate to the *XVI. Allgemeiner Neuphilologentag zu Bremen* in June 1914.

Professor E. J. Garwood as delegate to the Sixth International Congress of Mining, Metallurgy, Engineering, and Practical Geology, London, July 1915.

The Provost, Professor Pollard, and Professor Cushny (the latter in respect of the Faculty of Medical Sciences) represent the College Committee on the London Intercollegiate Scholarships Board.

The Provost, Dr. F. W. Goodbody, and Mr. Raymond Johnson represent the College Committee on the Committee of Management of University College Hall.

DEATHS OF PERSONS CONNECTED WITH THE COLLEGE.

The College Committee record with regret the deaths of the following persons connected with the College :—

Sir Edwin Durning-Lawrence, Bart. (Former Student; Life-Governor; Benefactor; at the time of his death, Chairman of the Council of University College School).

At their meeting in May, 1914, the College Committee passed the following Resolution :—

> That the Chairman, the Right Hon. Lord Reay, be requested to convey to Lady Durning-Lawrence the sincere condolence of the College Committee on the death of the late Sir Edwin Durning-Lawrence, who was for many years a generous benefactor both of University College and of University College School, and who took an important part in the Appeal for funds for the incorporation of University College in the University.

The College was represented at Sir Edwin Durning-Lawrence's funeral by the Provost and Mr. Walter Baily.

Sir J. Wilson Swan, F.R.S. (Former Member of the Council and of the Committee of Management; Second Vice-President of the College Senate (1899–1901) ; Life-Governor). (See p. 34.)

Mr. A. W. Kaye Miller (Former Member of Council; Fellow).

Dr. A. Cotterell Tupp (Former Student; Member of College Committee; Life-Governor).

Mr. B. Elkin Mocatta (Member and former Chairman of Mocatta Library Committee; Life-Governor; Benefactor).

Dr. P. H. Pye-Smith, F.R.S. (Former Student; Life-Governor; Vice-Chancellor).

Mr. R. K. Gray, F.R.S. (Former Student; Life-Governor).

Miss Emily Sharpe (Life-Governor; Benefactress).

The Rt. Hon. Arthur Cohen, K.C. (Former Student; Former Member of University Senate).

Mr. J. H. Walker (Former Assistant in the Department of Egyptology).

Dr. W. Lankes (Former Assistant in Department of Philosophy and Psychology).

COLLEGE ROLL OF HONOUR.

The College Committee desire to express their respectful sympathy with the families of the following, who have fallen in the War:—

Cecil Reginald Crymble (Assistant in the Department of Physiology).
Lieut., 3rd Royal Irish Fusiliers. Killed in Action.

Henry Francis Heatley (Student in the Faculty of Science).
Lieut., 3rd Yorkshire Regiment. Killed in Action.

John Sydney Paulson (Student in the Faculty of Science).
2nd Lieut., Lancashire Fusiliers. Killed in Action.

The Hon. Francis Geoffrey Pearson (Student in the Faculty of Engineering).
Motor Transport Section, British Expeditionary Force. Killed in the act of escaping after being captured.

Claude Davis Sneath (Student in the Faculty of Engineering).
Lieut., Middlesex Regiment. Killed in Action.

Cyril Steele Steele-Perkins (Student in the Faculty of Arts).
Lieut., Royal Lancaster Regiment. Killed in Action.

WAR HONOURS AND APPOINTMENTS.

The full list of War Honours and Appointments will be found in "Pro Patria." The following special Honours and Appointments may, however, be recorded here:—

Sir John R. Bradford has been appointed one of three consulting physicians with the Expeditionary Force with the rank of Colonel; his name appears in General Sir John French's dispatch of January 14th, and His Majesty the King has conferred upon him the Companionship of the Order of the Bath.

Lieut. Arthur Martin-Leake, R.A.M.C., who was awarded the Victoria Cross during the Boer War, in 1902, has been granted a Clasp "for most conspicuous bravery and devotion to duty throughout the [present] campaign, especially during the period 29th October to 8th November, 1914, near Zonnebeke, in rescuing, whilst exposed to constant fire, a large number of the wounded who were lying close to the enemy's trenches."

Major C. Spearman, Captain L. N. G. Filon, and Captain A. R. Richardson have been graded as General Staff Officers and have received special appointments.

Lt.-Col. H. R. Kenwood has been appointed to serve on the Army Sanitary Committee.

Professor J. H. Morgan has been charged with a special mission n connection with the Government War Service.

HONOURS AND APPOINTMENTS.

A. Former Students and other Persons connected with the College.

Among the Birthday Honours published in June last appear the names of the Senior Fellow of the College, the Right Hon. the Master of the Rolls, upon whom His Majesty the King has conferred a Barony of the United Kingdom; Professor Sir John Macdonell, who has been promoted to the rank of Knight Commander in the Order of the Bath; Dr. John J. Burnet, of the staff of the School of Architecture, who has received a Knighthood; and Mr. Justice

Stanley Lockhart Batchelor, a former Student, who has also received a Knighthood.

Mr. Henry Higgs, C.B., who was formerly entrusted with the task of re-organising the Civil Service of Natal, is now engaged in a similar work in connection with the Egyptian Service.

The Venerable Samuel Mumford Taylor, formerly Archdeacon of Southwark has been consecrated Bishop of Kingston-on-Thames. He entered the Faculty of Arts in Session 1879-80.

The Right Hon. Sir Henry E. Roscoe, F.R.S., has received the Medal of the Society of Chemical Industry "for his services to Science, Education, and Society."

Professor E. J. Garwood and Mr. C. Cuthbertson, Fellow, have been elected to the Fellowship of the Royal Society.

Professor F. T. Trouton was elected President of Section A. of the meeting of the British Association, 1914; Dr. A. W. Porter (who received the Degree of Doctor of Science from the University of Melbourne during the meeting of the British Association in Australia) was elected Vice-President of the same Section and in Prof. Trouton's absence, through illness, became Acting-President. He has also been elected President of the Röntgen Society.

Professor A. G. Green of Leeds University, a former Student of the College, has been appointed to advise the Government in connexion with the proposed State scheme for the supply of Aniline Dyes.

Professor E. A. Gardner has been entrusted with the work of making a Museum of Casts of Ancient Sculpture for the City of Birmingham, and has been appointed Examiner for the Diploma in Classical Archæology at Oxford.

Professor T. W. Arnold has received the Degree of Doctor of Literature from the University of Cambridge.

Professor C. E. Wilson has been awarded the Gilchrist Scholarship in Turkish, and Mr. Field, one of his students, the Ouseley Scholarship in Arabic.

Mr. R. C. F. Dolley, Fellow, has been appointed to the Chair of History at University College, Nottingham.

Mr. W. E. Collinson has been appointed to the Chair of German in the University of Liverpool; he took his Ph.D. Degree (*Summa cum laude*) in the University of Heidelberg.

Mr. M. Sadek Gohar has been appointed Professor of Mathematics in the Egyptian University of Cairo, and Mr. R. C. Goffin to the Chair of English at Cotton College, Gauhati, Assam.

Dr. Paul Haas, former Assistant in the Department of Physiology, has been appointed Lecturer at St. Mary's Hospital Medical School.

Miss Margaret J. Benson, D.Sc., Fellow, who was appointed Professor of Botany in the University in 1912, has received the status and designation Appointed Teacher.

Mr. C. M. Green, former Assistant in the Department of Botany, has received an appointment at the National Museum for Wales in Cardiff.

Mr. H. J. Harris is now Mathematical Examiner to the Middlesex County Education Committee.

Dr. W. Lankes, formerly Assistant in the Department of Philosophy and Psychology, was appointed to the Chair of Philosophy at St. Xavier's College, Bombay; unhappily, news has been received

that he died in August, soon after his arrival in India to take up the duties of the Chair.

Mr. E. N. McQueen has been appointed Honorary Demonstrator in the Psychological Laboratory of the College.

Mr. S. F. Hooper has been appointed Lektor at the Imperial and Royal University of Vienna.

Dr. E. N. da C. Andrade has been elected to the John Harling Research Fellowship in the University of Manchester.

Dr. Ellen M. Delf has been elected to the Yarrow Fellowship of Girton.

Mr. R. G. Lunnon, Assistant in the Department of Mathematics, has been awarded a sum of 3000 marks (abont £150), through the Secretary of the King Edward VII. British-German Foundation, the money forming a scholarship tenable at the University of Göttingen for research work in Experimental Physics.

Mr. W. T. Layton, M.A., has been elected to an Albert Kahn Travelling Fellowship.

Dr. Charles Goring, former Research Student, has received the Weldon Memorial Prize.

Dr. F. Aveling has received the Carpenter Medal of the University.

Dr. Sidney Russ has been appointed Physicist at the Middlesex Hospital; Mr. F. Simeon, Research Physicist at Messrs. Hilgers; and Dr. F. Hodson, Matriculation Examiner in Physics in the University.

Dr. H. Devine has been appointed Medical Superintendent of the Portsmouth Borough Asylum, Milton.

Mr. L. L. Benké has been appointed Assistant in the Department of Applied Mathematics.

Dr. A. P. Newton has been appointed Lecturer in American and Colonial History at the College; Miss E. Jeffries Davis, Seminar Assistant in the Department of History.

Miss Laura Parnell has been appointed Demonstrator in the Department of Geography.

Mr. H. Todd Thornbery, Private Secretary to the Provost, has been appointed Publications Secretary.

Former Students and Members of the Department of Hygiene and Public Health have obtained the following appointments:—J. S. Elkington, Federal Quarantine Officer for Queensland; R. Herdman, School Medical Officer to the Bedfordshire County Council; B. Stedman, Medical Officer of Health for the Leighton Buzzard Urban District and Eaton Bray Rural District; and C. G. Welch, Medical Officer (Tuberculosis) to the Bedfordshire County Council.

The following further appointments have been obtained by Former Students:—Dr. Catherine B. Firth, Tutor at Newnham College, Cambridge; Mr. N. L. Mackie, Lecturer in the Faculty of Laws, University of Manchester; Mr. H. O. Coleman, Assistant during the Summer Term 1914 to the Phonetics Department at the Taylor Institution, Oxford; Mr. H. Cooper, Mathematics Master at Sir Walter St. John's School, Battersea; Miss N. Neild, Headmistress of the Bridgnorth Grammar School for Girls; Mr. F. C. Endecott, Science Master at Warwick School; Mr. J. W. Mason, position in charge of one of the Royal Engineer Works Divisions at Dover; Mr. A. E. R. Orfy, Sanitary Engineer of Alexandria; and Mr. J

Leveen, position in the Oriental Languages Department of the British Museum.

Mr. J. M. Bourne Benson, a former Student of the Slade School, has been awarded a British School of Rome Scholarship.

Mr. C. Gallop obtained the Barstow Scholarship of the Inns of Court; and Mr. E. Tremlett the Scholarship of 100 Guineas in connection with the Final Examination of the Inns of Court.

The 1851 Exhibition Research Scholarship awarded to Mr. W. B. Haines has been renewed for a second year; and Mr. H. C. Reynard has received an 1851 Exhibition Industrial Bursary.

B. Present Students.

University Honours.

Degree or Distinction.	Subject.	Name of successful candidate from University College.	Class.
D.Lit.	Classics	Knight, Clara M.	
	English	Foxwell, Agnes K.	
	History.....	Newton, A. P.	
M.A.	English	Chick, Elsie.	
		Goffin, R. C.	
	French	Stone, Louise W.	
	German.....	Triebel, L. A.	
	History	Neild, Ada.	
		Scott, Helen.	
		Truscott, M. J.	
	Mathematics...	Baker, B. B.	
		Gohar, M. S.	
		Hosny, M.	
		Jeffery, G. B.	Special distinction.
B.A.	English	Groom, B.	I
		Harris, Dorothy M.	II
		Hedgeland, C. S.	II
		Hillman, Annie M.	I
		How, Marjorie N.	I
		Kuhlicke, F. W.	II
		Sanders, J. W.	III
		Stewart, Olive	II
		Waskett, A. F.	II
		Watson, A. F.	II
B.A.	French	Berger, Betsy	II
		Finerman, H.	II
		Furby, Grace E. P.	II
		Proper, J. B.	I
		While, Evelyn C.	III
	German	Kohn, Hertha	II

Degree or Distinction.	Subject.	Name of successful candidate from University College.	Class.
B.A.	History.....	Bentliff, E. D.	II
		Brunt, Kathleen	II
		Byworth, Lilian N.	II
		de Kretser, C. B.	II
		Dickinson, Florrie	III
		Edwards, T. M.	II
		Offor, R.	I
		Rees, S.	II
		Richards, Irene	III
		Troup, Alice	III
		Wheatley, C. W.	I
	Mathematics...	Steward, Lucy E.	III
	Modern Languages (English & French).	Forsyth, Christina B. ...	III
	Philosophy ...	Cobb, Monica M. G.	II
		Sekyi, W. E.-G.	II
		Sumption, F. B.	II
D.Sc.	Botany	Salisbury, E. J.	
B.Sc.	Botany	Toms, Edith	II
	Chemistry.....	Bruckman, R. T.	II
		Carpenter, L.	II
		Clarke, F. G.	II
		Davies, Merle	III
		Evans, F. P.	II
		Evans, H. J.	II
		Gilbert, L. F.	I
		Hunwicke, R. F.	III
		Hutchinson, G. L.	I
		Jinkings, A. J.	II
		Loutfy, O.	III
		McKenzie, C. L.	II
		Pelling, A. J.	II
		Rawling, S. O.	II
		Reynolds, F.	II
		Smith, F. W.	II
		Timbrell, J.	I
		Ting, H. S.	III
		Whitlock, J. A	III
		Wride, D. H. B.	II
	Geology	Earle, K. W.	II
		Simmons, E. W.	I
B.Sc.	Mathematics...	Horwill, L. C.	I
		Ince, G. H.	I
		Zelinski, M.	I
	Physics	Toy, F. C.	III
	Physiology ...	Boock, Ellen M.	I
		Jones, Constance A.	II
		Starling, Muriel	I

Degree or Distinction.	Subject.	Name of successful candidate from University College.	Class.
B.Sc.	Psychology ...	Endecott, F. C.	III
		Paton, W. B.	I
	Zoology	Twort, J. M.	III
		Woodger, J. H.	II
D.Sc. (Engineering).	.....	Bairsto, G. E.	
B.Sc. (Engineering).	.....	Charles, H. N.	II
		Duncan, W. J.	I
		Hill, G. T. R.	I
		Parker, J. A.	II
		Procter, E.	II
		Wells, W. J.	I
LL.D.	Constitutional Law.	Robinson, G. E.	
	Indian Law ...	Pandalai, K. K.	
	International Law.	Levey, M. F.	
LL.B.	.....	Tyau, M. T. Z.	III
University Exhibitions.	Group I. (Languages).	Brook, S.	
		Scott, Alice A.	
	Group II. (Mathematics).	Chapman, G. E.	
University Scholarships.	Chemistry.....	Arundel, E.	
		Hall, E. H.	
	Italian	del Ré, A.	
	Mathematics...	Budden, R. F.	
	Zoology.....	Tayler, N.	
Gilchrist Scholarship.	Science	McGregor, Lily O. G.	
Sir George Jessel Studentship.	Mathematics...	Corte, O. A., B.Sc.	
Ouseley Memorial Scholarships.	Persian.....	Hooper, C. A.	
	Urdu.....	Beckett, R. B.	

University Pass Degrees.

B.A. :—Bonser, W.; Bull, Beatrice M.; Heard, E. H., Johnson, A. W.; Naish, Edith M.

B.Sc. :—Barber, Maude S.; Barnes, W. C.; Binden, Rose; Geale, A.; Holliman, C. S.; Smith, Dorothy A.; Williams, W. E.

B.Sc. (Engineering):—Dawson, G. G.; Edwards, C. C. R.; Elliot, G. H.; Gautam, D. N.; Horne, R. F.; Pick, M.; Pigott, J. R.; Rowan, F.; Ryle, P. J.; Thompson, T. F. W.; Trouton, D. G.

LL.B.:—Stonebridge, J. B.; Zynuddin, M.

Higher Civil Service.

The following passed the Final Examination for the Civil Service of India and have proceeded to the Provinces named:—

Name.	*Final Examination.*	*Province.*
Beckett, R. B.	8th place.	
Davis, G.	7th place.	Bombay Presidency.

Diplomas and Certificates.

The following obtained Engineering Diplomas:—

Arias, A. (Electrical); Charles, H. N. (Mechanical); Chua, T. C. (Civil & Municipal); Dawson, G. G. (Electrical); Duncan, W. J. (Mechanical); Edwards, C. C. R. (Mechanical); Elliot, G. H. (Civil); Filsell, G. V. P. (Civil & Municipal); Foad, H. (Civil & Municipal); Griffin, A. E. (Civil & Municipal); Kuai, Z. S. (Civil & Municipal); Miller, B. W. (Civil & Municipal); Mylting, A. (Civil & Municipal); Parker, J. A. (Civil & Municipal); Pigott, J. R. (Mechanical); Pillai, G. K. (Civil & Municipal); Procter, E. (Civil & Municipal); Schur, P. (Civil & Municipal); Trouton, D. G. (Electrical); Wells, W. J. (Civil & Municipal); Wong, S. L. (Civil & Municipal).

The following obtained Certificates in Architecture:—

Fisher, H. N.; Gaulstun, E.; Mustapha, M.; Villegas, A. J.; Villegas, J. F.

The following obtained the University Diploma in Fine Art:—

Cartledge, W.

The following obtained the Diploma in Public Health:—

University of Cambridge.—Alderton, C. H. A.; Bach, E.; de Silva, G.; Gimi, H. D.; Peek, J. H.; Reid, W. B.; Steinberg, N. W.

Royal Colleges of Physicians and Surgeons, London.—Atkinson, Estelle I.; Biswas, L. M.; Bloom, A.; Chand, H.; Child, A. D.; Collins, R. E.; Davy, Rose L. H.; Eaton, Irene D.; Erlank, J.; Féré, Maud T.; Ghosh, S.; Griffiths, S. H.; Jameson, W. W.; Kapur, M. K.; Kolsavala, N. B.; McIntosh, T. S.; McIntyre, D.; Middleton, Marjorie E.; Norman, V. P.; Rahman, K. A.; Rau, K. N.; Sethna, K. S.; Shirgakar, J. V.; Stevenson, W. D. H.; Sutherland, C. L.; Todesco, J. M.; Wilson, J. I.; Winston, W. B.; Writer, J. H.

Royal College of Physicians and Surgeons, Dublin.—Forrester, A. W.

The following obtained Diplomas in the Humanities (History) :— Alderson, J. A.; Crossley, Ada; Gaff, Helen; Kettle, Emma E.

Officers Training Corps.

Commissions in the Army, Session 1913–14
(January 1914 to July 1914).

Special Reserve :—

(1) Fryer, H. N. (A Coy. Inf. to 4th Bn. Lancashire Fusiliers).
(2) Horton, R. L. (C Sect. Med. Unit to R.A.M.C.).
(3) King, F. W. (A Coy. Inf. to Northampton Regt.).
(4) Nobbs, H. (D Coy. Inf. „ „ „).
(5) Nye, J. A. („ „ „ „).
(6) Trouton, D. G. (Artillery Section to R.F.A.).
(7) Warrington, T. (C. Sect. Med. Unit. to R.A.M.C.).

General Reserve :—

(8) Pewsey, H. C. (D Coy. Inf. to Infantry).

Territorial Forces :—

(9) Barrowcliffe, A. M. (D Coy. Inf. to 5th Bn. Leicester Regt.).
(10) Lester, A. M. (D Coy. Inf. to 6th Bn. Lond. Regt.).

Certificate A.

Artillery :—

Donoghue, J. J. .... (Mar.)

A Coy. Infantry :—

Barty, A.	(Mar.)	Franklin, B. L.	(Mar.)
Benns, L. C.	„	Heard, E. H.	„
Click, F. E.	„	Knapp, L. F.	„
Dodson, L.	„		

D Coy. Infantry :—

Arundel, E. S.	(Mar.)	Langridge, B.	(Mar.)
Jinkings, A. J.	„		

C Sec. Med. :—

Polhill, M. C.	(Mar.)	Celestin, L. A.	(Mar.)

Certificate B.

A Coy. Infantry :—

Budden, R. F.	(Mar.)	Tuck, H. J.	(Mar.)
Sanders, J. W.	„		

D Coy. Infantry :—

Gilbert, L. F.	(Mar.)	Smith, F. W.	(Mar.)
Hooper, F. C.	„	White, J. H.	„

Owing to the war, the examinations for A and B Certificates were not held in November, and will not be held again until the war is ended.

SCHOLARSHIPS (other than those awarded in the College).

The following Students holding Scholarships from other bodies entered the College in the Session 1913–14 :—

Dazell-Piper, Rachel M., Drapers' Company Scholarship; Jeffryes, Doris H., Drapers' Company Scholarship; Caspersz, U. D. R., Ceylon Government Scholarship; Lal, R., Indian Government Scholarship; Modi, N. J., Sir M. Nathubhai Scholarship, University of Bombay; Weeremantry, G., Ceylon Government Scholarship.

30 Students entered holding King's Scholarships from the London County Council.

10 „ „ „ Intermediate London County Council Scholarships.

2 „ „ „ London County Council Art Scholarships.

2 „ „ „ Hertfordshire County Council Scholarships.

2 „ „ „ Surrey County Council Scholarships.

1 „ „ „ Essex County Council Scholarship.

1 „ „ „ Norfolk County Council Scholarship.

1 „ „ „ Wiltshire County Council Scholarship.

1 „ „ „ Kent County Council Scholarship.

SCHOLARSHIPS AND OTHER DISTINCTIONS AWARDED IN THE COLLEGE.

A. *FACULTIES OF ARTS, LAWS, SCIENCE AND ENGINEERING.*

I. Entrance Scholarships.

ANDREWS SCHOLARSHIPS (£30) :—

Modern Languages and History :—Elizabeth A. Francis of Reigate High School.

Classics :—J. Murray of St. Ignatius College, N.

Science :—S. A. Mumford of Holloway County Secondary School.

CAMPBELL CLARKE SCHOLARSHIP IN ENGLISH (about £40 a year tenable for three years) :—E. K. Ellis of Chester City and County School. (1st year.)

GOLDSMID SCHOLARSHIPS (£30 for three years) :—

Engineering :—J. S. Fraser of Dulwich College.

Science :—J. Streather of King Edward VI. School, Nuneaton.

MEMBER'S SCHOLARSHIP IN CLASSICS (£30 for three years) :—F. B. Marsom of the City of London School. (2nd year.)

ROSA MORISON SCHOLARSHIP (£30 for three years) :—Winifred E. Wilkinson of Hornsey County School. (1st year.)

SAINT PANCRAS SCHOLARSHIP :—Dorothy R. Measures. (3rd year.)

WEST SCHOLARSHIP IN ENGLISH AND ENGLISH HISTORY (£30) :—Mabel H. Hearne of Southall County School.

II. Other Scholarships.

ANDREWS SCHOLARSHIPS for Students of one year's standing (£30):—
Classics :—G. W. Richardson.
Mathematics and Science :—K. C. Chakko.
Modern Languages and History :—S. Brook.

ANDREWS SCHOLARSHIP for Student of two years' standing :—
Science :—J. Mould.

BENINGTON MEMORIAL STUDENTSHIP IN ANTHROPOMETRY AND CRANIOLOGY :—Eveline Y. Thomson.

CAREY FOSTER RESEARCH PRIZE IN PHYSICS :—E. T. Paris, B.Sc.

CHADWICK GOLD MEDAL AND PRIZE IN MUNICIPAL ENGINEERING (£100) :—J. A. Parker, B.Sc.

DERBY SCHOLARSHIP IN ZOOLOGY :—J. H. Woodger, B.Sc.

DONALDSON MEDAL IN ARCHITECTURE :—H. N. Fisher.

FIELDEN RESEARCH SCHOLARSHIP IN GERMAN (£50) :—J. A. Wilks.

ELEANOR GROVE SCHOLARSHIP IN GERMAN (£30):—Alice A. Scott.

ARCHIBALD P. HEAD MEMORIAL MEDAL AND PRIZE IN MECHANICAL ENGINEERING :—Z. S. Kuai.

HEATING STUDENTSHIPS (£61 11*s.* each):—C. H. Avery, G. T. Mitchell.

HEIMANN MEDAL IN GERMAN :—J. B. Proper.

JOHN OLIVER HOBBES MEMORIAL SCHOLARSHIP IN MODERN ENGLISH LITERATURE (about £20) :—Marjorie N. How, B.A.

HOLLIER SCHOLARSHIP IN HEBREW (£60) :—I. Brodie.

JOSEPH HUME SCHOLARSHIP IN JURISPRUDENCE (£30) :—E. M. Duke.

JOSEPH HUME SCHOLARSHIP IN POLITICAL ECONOMY (£30) :—G. H. Ince, B.Sc., F. B. Sumption, B.A.

JEWS' COMMEMORATION SCHOLARSHIP (£15 per annum for two years) :—G. E. Chapman.

PERCY F. MACGREGOR SCHOLARSHIP IN ZOOLOGY (£50) :—Margaret Tribe, B.Sc.

MALDEN SCHOLARSHIP AND MEDAL (£20) :—R. T. Moore.

JOHN STUART MILL SCHOLARSHIP IN PHILOSOPHY OF MIND AND LOGIC (£20):—M. Ginsberg, B.A.

ROSA MORISON MEMORIAL MEDAL :—B. Groom, B.A.

Rosa Morison Scholarship in English (£30) :—Hilda W. Husbands, B.A.

Morley Medal in English :—Marjorie N. How, B.A.

Melvill Nettleship Prize for Figure Composition :—Nora L. M. Cundell.

Physics Research Studentships :—£60, E. T. Paris, B.Sc.; £40, F. C. Toy, B.Sc.; £40, F. T. Woolner.

Quain Law Professor's Prizes :—

Comparative Law Essay on "What Limits, if any, upon Competition are imposed by Modern Systems of Law" (£12) :—E. J. Kafka, B.A.

International Law Essay on "Is the Doctrine of the Equality of States necessary to International Law" (£10) :—C. W. Thomas.

Quain Studentships :—English (£150 per annum) :—A. C. Wood, M.A.; Biology (£100 per annum) :—Sarah M. Baker, D.Sc.

Quain English Essay Prize (£50) :—W. Strang, B.A.

Hester Rothschild Prize in History (£20) :—Sarah Wechsler, B.A.

L. M. Rothschild Prize in French (£20) :—J. B. Proper, B.A.

Mayer de Rothschild Scholarship in Pure Mathematics (£42) :—F. T. Woolner.

Science Scholarship awarded by H.M. Commissioners for the Exhibition of 1851 :—V. Lefebure, B.Sc.

Science Industrial Bursary awarded by H.M. Commissioners for the Exhibition of 1851 :—H. C. Reynard, B.Sc.

Slade Fine Art Scholarships (£35 per annum for two years) :—A. Guevara; T. L. Poulton. Additional Scholarship (£35) :—Dora T. Clarke.

Tuffnell Scholarship in Chemistry (£80 per annum for two years) :—A. D. Harley.

Ellen Watson Scholarship in Applied Mathematics (£15) :—T. A. Ellis, B.Sc.

B. *FACULTY OF MEDICAL SCIENCES.*

Medical Entrance Exhibitions and Scholarships :—

Bucknill Scholarship (£141 15*s.*) :—B. Rosenstein.

Medical Entrance Exhibitions (£57 15*s.*) :—H. N. F. Cook; A. W. Holgate.

Epsom Free Medical Scholarship :—H. E. Beasley.

Cluff Memorial Prize (about £15):—J. A. Binning.

Sharpey Physiological Scholarship (£105 per annum):—C. Lovatt Evans, D.Sc.

Schäfer Prize in Physiology (about £18):—C. Lovatt Evans, D.Sc.

SUMMARY OF RESULTS OF UNIVERSITY EXAMINATIONS.

January 1st to December 31st, 1914.

Examination.	No. passed from University College.	No. from Univ. Coll. in Honours.
*Inter. Arts	44	
*Inter. Sci.	52	
*Inter. Sci. (Engineering)	20	
*Inter. Laws	11	
‡First Exam. Med. Deg.	18	
§Second Exam. Med. Deg. Pt. I.	37	
‖Second Exam. Med. Deg. Pt II.	22	
B.A.	37	32
B.Sc.	41	34
B.Sc. (Engineering)	17	6
LL.B.	3	1
†M.B., B.S.	8	—
M.A.	—	11
D.Lit.	—	3
D.Sc.	—	2
D.Sc. (Engineering)	—	1
LL.D.	—	3
†M.D.	—	3
†M.S.	—	1

* There are now no Honours at the Intermediate stage for Internal Students.

† The work for the final stage of these degrees was done at University College Hospital Medical School.

‡ Formerly Prel. Sci. (M.B.) Pt. I. § Formerly Prel. Sci. Pt. II.

‖ Formerly Inter. Med.

THE NEW SCHOOL OF ARCHITECTURE.

The new building for the School of Architecture was completed in the course of the Session; the grant made by the County Council makes it possible to carry its equipment a stage further. The decoration of the building was undertaken by the Donor, and was carried out during the Long Vacation.

H.R.H Prince Arthur of Connaught, President of the Equipment and Endowment Fund, attended by Captain Bonham, visited the building on June 23rd, 1914, on the occasion of a Conversazione, at which the Collections in the School and some private Collections were exhibited. His Royal Highness inspected the whole building, and expressed great satisfaction at the arrangement and equipment.

The staff of the School of Architecture has been further strengthened by the institution of a Chair of Town Planning, to which Professor S. D. Adshead has been appointed. A Summer School of Town Planning was held in the new building. The attendance was somewhat affected by the outbreak of the War, but very good work was done by the 33 Students who enrolled themselves. The success of the Summer School of Town Planning was largely due to the untiring efforts of Mr. J. S. Rathbone and Mr. Raymond Unwin.

THE COLLEGE BUILDINGS.

The erection of the building for the Department of Applied Statistics, as well as that for Chemistry, was seriously hindered in the early part of last year by labour disputes, which extended over a period of twenty-one weeks. Progress has been made since the settlement of these disputes and, if the necessary funds are forthcoming (see p. 16) for the completion of these buildings and their equipment, there is every prospect that they will be ready for occupation at the beginning of next session.

The completion of these new buildings is desirable not only in the interests of the departments concerned, but also in the interests of those departments which will occupy the rooms thus set free. Nearly all the departments of the Faculty of Arts are in need of larger accommodation. This need is perhaps most felt in the Department of History and in the Slade School. In the former case, the growth of the department has been so rapid that it is difficult to carry on its work in the rooms at present assigned to it.

The need of added space for the Slade School is not less pressing. The Department of Sculpture is still housed in temporary and inadequate buildings outside the College. With great difficulty, accommodation has been found for holding a Course in Ornamental Design and Historic Styles; further accommodation is needed for the teaching of Tempera and Fresco Painting. In the plans for the reorganization and development that were made in 1907, the site of the present Chemical Laboratories was allotted to the Sculpture Studios. It is found, however, that this site is not only not large enough, but would not be suitably lighted. Further, the rooms on the Ground Floor of the Slade School, which have for some years been partly utilized for the purposes of painting, are no longer suitable for painting and are needed for the purposes for which they were originally planned, namely, for lectures and private rooms. From an investigation conducted by the College Committee, it appears that

the needs of the School can be adequately met by allotting to it the whole of the upper portion of the North Wing—that is, the portion now occupied by Botany and, to some extent, by Zoology. This desirable extension of the Slade School cannot take place until new accommodation has been provided for the Department of Botany and additional space has been allocated to the Department of Zoology. An alternative scheme would be to provide an entirely new building for the Slade School and adapt the present building to meet the needs of the Faculty of Arts and of certain of the Scientific Departments. Either of these plans will involve large expenditure and the College will be obliged to appeal to its friends for help in this matter.

The record of success that has attended the work of the Slade School, more particularly in recent years, gives the scheme for its development a strong claim to support. The strength of the work actually done within its walls, and the work of past students, is in evidence from time to time at the various Public Exhibitions, and more especially at the New English Art Club. Again, one of the highest distinctions in the Art world has been won by a student of the Slade School, namely, the British School of Rome Scholarship for Decorative Painting, by Mr. John Miles Bourne Benson.

It has not been possible to proceed with the adaptation of the building formerly known as All Saints' Church, owing to the lack of funds for the purpose. Plans for its reconstruction have been prepared, and the works can be proceeded with as soon as the money is forthcoming. The need for a Great Hall is a very urgent one.

The complete scheme for the Libraries cannot be carried out until a new building for the Department of Anatomy has been provided, as half of the space to be ultimately devoted to the Science Library is still occupied by the Anatomy Museum. The Library Committee submitted a report urging that the proposed Gallery in the Science Library should be erected during the last Long Vacation, but it was not possible to give effect to this, owing to lack of funds.

BENEFACTIONS AND DONATIONS.

The College Committee have to record the following Benefactions, for which they make grateful acknowledgment:—

The London County Council have made a Grant of £30,000 for Capital Expenditure on the College Buildings, to be applied:—as to £1,000, towards Equipment for the School of Architecture; as to £25,000, towards the new Chemical Laboratories; and as to £4,000, towards Heating and Lighting.

The London County Council have also made the following additional Maintenance Grants:—£500 in respect of the School of Architecture (£400 for general expenses of maintenance and £100 for Special Courses), and £100 for the salary of the Lecturer in Colonial and American History in the Evening School of History, both grants being authorised for the Sessions 1914–15, 1915–16, and 1916–17; and they have made a further grant of £300 in support of the Sub-Department of Heating and Ventilating Engineering for the current Session.

The Worshipful Company of Drapers have made a grant of £500 per annum to the Department of Applied Statistics and Eugenics for three years, thus continuing their generous support of the work carried on under the direction of Professor Karl Pearson.

The Worshipful Company of Carpenters have renewed their grant of £300 to the School of Architecture for the current Session.

The Crabb Robinson Trustees have continued to support the social and athletic life of the Students by making grants amounting to £204 5*s.* 0*d.* for various Students' purposes, of which £115 was granted for the two Athletic Grounds.

Reference was made in the last Report to the death of the founder of the Crewdson-Benington Studentship, Mrs. Norman-Robinson. Permanent provision for the Studentship, although undertaken in the Trust Memorandum, was not actually made. Mrs. Norman-Robinson's will, however, contained the following sentence :—

> "I leave the sum of £900 to be used to further some *definite object* in Anthropology as a tribute to my dear and valued old friend, Dr. Robert Crewdson Benington, first to finish his uncompleted work and have it published in *Biometrica*, Prof. Karl Pearson's Journal. I desire my Executors to devote the balance to the extension in a *definite way* of Anthropological Research in such a way as to perpetuate and honour the name of my old friend Dr. R. C. Benington who not only took a keen interest in Anthropology but did so much as an active worker,"

and her husband, Dr. W. A. Norman-Robinson, as Executor, agreed to pay to the University for University College the sum of £900, such sum to be applied by the University in the manner indicated in the Trust Memorandum approved by the Senate in 1910. The capital sum of £900 may have to be reduced if the claim made for Succession Duty be upheld. As, previous to this agreement being made, there was no money forthcoming for the award of the Studentship at the end of the Session 1913–1914, Dr. Norman-Robinson himself contributed a sum of £50 for this purpose.

The late Dr. H. J. Johnston-Lavis, who during his lifetime made an offer of his Geo-Physical Collection to the College (which offer was accepted subject to a satisfactory Trust Deed being executed), has left provision in his will for the transference of this Collection to the College; the arrangements in connection therewith are still pending.

Sir William Lever, Bart., has offered, through Professor Adshead, to give annually £50 for the purpose of providing Prizes for competitions in the School of Architecture. One competition will be open to students of the Department of Town Planning and one to other students of the School, two Prizes (£15 and £10) being awarded for each competition. The offer has been accepted by the Senate and the regulations for the award of the Lever Prizes have been drawn up and approved.

Signor A. Oddenino has expressed his willingness to provide annually the funds necessary for the award of a Scholarship in Italian, of the value of £30 a year, and a Gold Medal to be given as a Prize in the Higher Senior Class in Italian, the latter to be associated with the name of his daughter; regulations governing these awards have accordingly been formulated and announcements made in the current calendar.

Professor and Mrs. F. T. Trouton have given a sum of £300 for the purchase of apparatus and machinery for the Department of Physics, and £114 8*s.* 0*d.* for special service in that Department, in addition to the £100 already promised for the Research Studentship

Mr. Charles Hawskley has given a sum of £100 for additional apparatus for the Department of Civil and Mechanical Engineering.

Professor J. D. Cormack has given £55 to cover part of the salary of a demonstrator in the Department of Civil and Mechanical Engineering, provision for which was not otherwise forthcoming.

Mrs. John Richard Green has once again shown her great interest in the promotion of the teaching of Celtic Languages and Literatures and has given £50 for the remuneration of a Teacher in order that the classes may be continued during the present Session.

Mr. Henry Oppenheimer has made a donation of £20 for the provision of lantern-slides to illustrate Dr. Borenius's lectures on the History of Art.

Lady Swan has presented certain apparatus, books, and magazines formerly belonging to the late Sir Joseph Wilson Swan, a member of the Council of the College from 1896 to 1902.

Mr. H. Swithinbank and Mr. G. E. Bullen communicated through Professor J. P. Hill an offer, subject to certain conditions, to present to the College for the Department of Zoology specimens of the Marine Fauna of the Scilly Islands to be obtained during last summer from a survey of the waters surrounding the Scilly Islands, and this offer was accepted.

Mr. R. Phené Spiers, F.R.I.B.A , has made a gift of Books and Drawings for the School of Architecture ; the Wandsworth Technical Institute have, through Professor Elsey Smith, presented Specimens of Brickwork for the same School ; and Mrs. Roger Smith has given a drawing by the late Prof. Roger Smith of the Gower Street Frontage of the College designed by him.

Miss Marion Chadwick has presented a large architectural drawing in water colours of the Malta Water-Works, which belonged to the late Professor Osbert Chadwick ; also twelve volumes of the Proceedings of the Institution of Civil Engineers.

Sir William Herschel has presented Facsimiles of his historical Collection of Finger-Prints for the Galton Laboratory.

Professor Thane has presented 27 years of the *Mittheilungen der anthropologischen Gesellschaft Wien* (1881–1907) for the Galton Laboratory on condition that the publication be brought up to date from the Departmental Funds.

The following gifts have been received for the Sub-Department of Heating and Ventilating Engineering :—From Mr. Walter Yates (of Messrs. Matthews & Yates, Manchester), a Fan of the value of about £20 ; from the British Mannesmann Company, Pipes to the value of £7 ; from the Steam Fittings Company of West Drayton, a Reducing Valve ; from the Beeston Foundry Company, through Mr. Louis F. Pearson, a Heating Boiler and Radiators for Experimental Plant, of the value of £20 ; from Messrs. Davidson & Co., a Sirocco Fan of the value of £15 ; and from Messrs. Oswald Stott, Ltd., a Centrifugal Fan of the value of £20.

Messrs. Herbert Morris, Ltd., of Loughborough have given a 10-cwt. Pulley Block for the Department of Civil and Mechanical Engineering.

The benefactions to the Libraries, including the Mocatta Library, will be found in another section of this Report. (See Appendix IV., p. 74).

A complete list of pecuniary grants made to the College during the year is given in Appendix III., pp. 76–77. The Committee desire to express the obligations of the College to the Bodies making these Grants.

CHANGES AND RE-APPOINTMENTS OF THE TEACHING STAFF.

FACULTY OF ARTS.

1. Professor E. A. Gardner has been re-appointed Yates Professor of Archæology for a further period of seven years, and Yates Lecturer in Archæology for the Session 1914–15.

2. Professor S. D. Adshead has been appointed University Professor of Town Planning in connection with the University School of Architecture. His appointment is in the first instance for three years.

3. The Senate have conferred the title of Professor of Sculpture upon Mr. J. Havard Thomas, formerly Teacher in that subject.

4. The Senate have conferred the title of Reader in English Language and Literature upon Dr. R. W. Chambers, formerly Assistant Professor in the Department of English.

5. Sir John J. Burnet has been re-appointed Special Visitor in Academic Design for the Session 1914–15.

6. Mr. Carveth Read has been re-appointed Lecturer in Comparative Psychology for a further period of three years.

7. Dr. F. Aveling has been re-appointed Lecturer in Analytic Psychology for a further period of three years.

8. Dr. F. W. Thomas has been re-appointed Lecturer in Comparative Philology for a further period of one year.

9. Dr. Mabel Bode has been re-appointed Lecturer in Pali and Buddhist Literature for a further period of three years.

10. Mr. C. P. Caspersz and Mr. C. D. Steel have been re-appointed Lecturers in Bengali and Hindustani and Hindi respectively for the Session 1914–15.

11. Mr. A. W. Flux has been re-appointed Newmarch Lecturer for the Session 1914–15.

12. Dr. A. P. Newton has been appointed Lecturer in American and Colonial History for a period of three years.

13. Dr. W. Lankes, who resigned his post as Assistant in the Department of Philosophy and Psychology as from Easter, 1914, has been succeeded by Dr. Llewellyn Jones.

14. Mr. G. Thomson resigned the Lectureship in Perspective in the Slade School which he has held since 1896. He has been succeeded by Mr. J. Poole Addey, who has been appointed Assistant in the Slade School to deliver the Lectures on Perspective for the Session 1914–15.

15. Mr. J. H. Walker was re-appointed Assistant in the Department of Egyptology for the Session 1914–15. The College Committee regret to record that Dr. Walker died suddenly in July 1914.

16. Mr. H. J. Harris has been re-appointed Censor of Higher Civil Service Studies for the Session 1914–15.

17. Mr. L. Solomon has been re-appointed Sub-Dean of the Faculty or the Session 1914–15.

18. The following Assistants have been re-appointed for the current Session:—

Architecture	Mr. Leslie Wilkinson (Assistant Professor).
Egyptology	Miss M. A. Murray.
English	Mr. J. H. G. Grattan.
Fine Art	Mr. H. Tonks (Assistant Professor).
	Mr. D. Lees.
	Mr. W. Russell.
	Mr. P. W. Steer.
	Mr. A. McEvoy.
French	Mr. P. V. Thomas.
German	Mr. A. G. Haltenhoff.
Greek and Latin	Mr. L. Solomon.
History	Dr. R. R. Reid.
	Mr. E. A. Fulton.
	Mr. Norman Baynes (Evening School of History).
	Miss E. Jeffries Davis (Seminar Assistant).
Mathematics(Applied)	Mr. G. B. Jeffery.
	Mr. M. T. M. Ormsby.
Mathematics (Pure)..	Mr. J. H. Dibb.
	Mr. H. J. Harris.
	Mr. F. Jackson.
Mathematics (Pure and Applied).	Mr. T. A. Ellis.
Philosophy and Psychology.	Mr. J. C. Flügel.
Phonetics	Mr. G. Noël-Armfield.
	Mr. Stephen Jones.
Sanskrit.....	Mr. J. Allan.

19. Mr. E. N. McQueen has been appointed Honorary Demonstrator in the Department of Philosophy and Psychology.

20. Miss Laura Parnell has been re-appointed Honorary Demonstrator in Geography for the Session 1914–15.

21. Professor S. D. Adshead (Professor of Town Planning), Mr. Norman Baynes (Assistant in Ancient History), Mr. E. A. Fulton (Assistant in English History), Mr. G. B. Jeffery (Assistant in Applied Mathematics and Mechanics), Mr. D. Jones (Lecturer in Phonetics), Miss Margaret Murray (Assistant in Egyptology), Dr. A. P. Newton (Lecturer in American and Colonial History), Mr. J. Havard Thomas (Professor of Sculpture), Mr. G. N. Watson (Assistant in Pure Mathematics), Mr. A. C. Wood (Quain Student in English), have been appointed members of the College Faculty of Arts.

Faculty of Science.

1. Professor F. T. Trouton has resigned the Quain Chair of Physics (to which he was appointed in 1902) as from Christmas, 1914. Steps are being taken to appoint his successor as from September 1st, 1915.

2. Dr. A. N. Whitehead, F.R.S., resigned the Readership in Geometry as from August 31st, 1914, on being appointed Professor

of Applied Mathematics in the Imperial College of Science and Technology. Mr. G. N. Watson has been appointed Assistant in the Department of Pure Mathematics for the Session 1914–15.

3. Dr. R. Whytlaw-Gray, Assistant Professor in the Department of Chemistry, resigned his appointment as from March, 1914, on being appointed to a position in connection with research on radium and radio-activity.

4. Dr. D. E. Derry has been appointed Lecturer in Physical Anthropology for a further period of two years.

5. Dr. Ethel N. Thomas has been re-appointed Lecturer in the Department of Botany for a further period of three years.

6. Dr. H. Thacher Clarke was appointed Assistant in the Department of Chemistry for the Session 1914–15, but resigned at the beginning of the Session on obtaining an appointment in the United States of America. Mr. H. Terrey has been appointed in his place as Assistant in the Department of Chemistry.

7. Dr. Paul Haas resigned his appointment as Assistant in the Department of Physiology and Demonstrator in Chemistry to Medical Students at the end of the Session 1913–14. Dr. C. R. Crymble was appointed in his place for the Session 1914–15, but never took up his duties as he was mobilised for active service at the outbreak of war, and was killed in action in December. Mr. W. W. Reeve was appointed Assistant in Physiology and Demonstrator in Chemistry to Medical Students for the Session 1914–15.

8. Mr. C. M. Green, Assistant in the Department of Botany, has resigned his appointment as from Christmas, 1914, on being appointed to the staff of the National Museum for Wales, Cardiff.

9. Miss Adelaide Davin has been appointed Assistant in the Department of Applied Statistics and Eugenics (Galton Laboratory), for the Session 1914–15.

10. Mr. H. J. Harris has been re-appointed Sub-Dean of the Faculty for the Session 1914–15.

11. The following Assistants have been re-appointed for the current Session:—

Applied Statistics & Eugenics.	Mr. H. E. Soper.
	Miss A. Barrington.
	Miss B. M. Cave-Browne-Cave (Galton Laboratory).
Botany	Mr. E. M. Cutting.
Chemistry	Dr. S. Smiles (Assistant Professor).
	Miss K. Burke.
	Dr. R. E. Slade.
	Dr. W. B. Tuck.
	Mr. I. Masson.
Geology	Dr. J. V. Elsden.
	Miss E. Goodyear.
Physics	Mr. N. Eumorfopoulos.
	Dr. A. O. Rankine.
	Mr. D. Orson Wood.
Zoology	Dr. C. H. O'Donoghue.
	Mr. F. J. Bridgman.
	Miss K. M. Parker.

12. The following Demonstrators have been appointed :—

Chemistry	Mr. L. F. Gilbert.
	Mr. R. F. Hunwicke.
	Mr. N. Morrison.
	Mr. J. L. Twort.
	Mr. G. N. White (to Medical Students).
	Mr. D. H. B. Wride.
Geology	Mr. E. W. Simmons.
Physiology	Miss R. Skelton.

13. Dr. David Heron (Assistant Director of the Galton Laboratory), Mr. I. Masson (Assistant in Chemistry), Dr. R. E. Slade (Assistant in Chemistry), Dr. Marie Stopes (Lecturer in Palæobotany), Mr. G. N. Watson (Assistant in Pure Mathematics), have been appointed members of the College Faculty of Science.

Faculty of Engineering.

1. Professor E. G. Coker has been appointed University Professor of Civil and Mechanical Engineering as from September 1st, 1914, in succession to Professor J. D. Cormack, who resigned his appointment at Christmas, 1913.

2. Mr. Ernest Romney Matthews has been appointed to the University Chadwick Professorship of Municipal Engineering.

3. The Senate have conferred the title of Reader in the Theory and Practice of Heat Engines upon Mr. W. J. Goudie, formerly Assistant Professor in the Department of Civil and Mechanical Engineering.

4. The title of University Reader in Surveying has been conferred upon Mr. M. T. M. Ormsby.

5. Mr. H. Deans has been re-appointed Lecturer on Railway Engineering, and Mr. A. T. Walmisley Lecturer on Waterways, Harbours and Docks, in the Department of Civil and Mechanical Engineering for the Session 1914–15.

6. Mr. A. H. Barker has been re-appointed Lecturer in Heating and Ventilating Engineering for the Session 1914–15.

7. Mr. E. Kilburn Scott has been re-appointed Lecturer in Electrical Design for the Session 1914–15.

8. Mr. F. Brendal has been appointed Assistant in the Sub-Department of Heating and Ventilating Engineering.

9. The following Assistants have been re-appointed for the current Session :—

Electrical Engineering ..	Mr. W. C. Clinton (Assistant Professor).
	Mr. P. R. Coursey.
Mechanical Engineering .	Mr. H. Philpot (Assistant Professor).
	Mr. E. Sprague.

10. Mr. O. Walkey has been appointed Demonstrator in Civil and Mechanical Engineering for the first and second terms of the Session 1914–15.

11. Mr. G. P. Filsell was appointed Demonstrator in Civil and Mechanical Engineering for the Session 1914–15, but resigned in November to go on military service. Mr. E. T. Bond has been appointed in his place for the remainder of the Session.

12. Professors S. D. Adshead, E. G. Coker, and E. R. Matthews, and Dr. J. V. Elsden have been appointed members of the College Faculty of Engineering. Mr. I. Masson has ceased to be a member of the Faculty.

Faculty of Laws.

1. Professor Sir John Macdonell, K.C.B., has been re-appointed Quain Professor of Comparative Law for a further period of three years.

2. The Senate have conferred the title of Professor of Constitutional Law upon Mr. J. H. Morgan.

Faculty of Medical Sciences.

1. Dr. J. Sherwood New resigned his appointment in the Department of Hygiene and Public Health at Christmas, 1914. He has been succeeded by Dr. W. W. Jameson, who has been appointed Assistant and Lecturer for the remainder of the current Session.

2. Mr. A. G. R. Foulerton has been appointed Lecturer in Diseases Common to Man and the Lower Animals for a period of three years.

3. Mr. H. T. Mant has been appointed Lecturer in Surgical Anatomy for a period of three years.

4. Mr. T. B. Johnston has been appointed Lecturer and Demonstrator in Anatomy for a period of three years.

5. Dr. D. E. Derry has been re-appointed Curator of the Anatomical Museum and appointed one of the Demonstrators in Anatomy for the Session 1914–15.

6. Dr. R. H. Plimmer and Dr. W. B. Tuck have been re-appointed Teachers of Chemistry to Medical Students.

7. Mr. J. A. Binning and Mr. H. L. G. Foxell were appointed Assistant Demonstrators in Anatomy for the Session 1914–15. Mr. Foxell resigned to go on military service, and has been succeeded by Mr. R. O. Eades.

8. The following Assistants have been re-appointed for the Session 1914–15:—

Pathological Chemistry .	Dr. F. W. Goodbody (Assistant Professor).
Pharmacology	Mr. J. W. C. Gunn.
Physiology	Dr. C. Lovatt Evans.

9. Mr. T. B. Johnston (Lecturer and Demonstrator in Anatomy), Mr. J. W. C. Gunn (Assistant in Pharmacology), Dr. C. Lovatt Evans (Assistant in Physiology and Sharpey Scholar) have been appointed members of the College Faculty of Medical Sciences.

THE WORK OF THE FACULTIES.

The chief events of the Session 1913–14 are dealt with in the Report that was presented by the Provost at the Assembly of Faculties last July; this, together with the speech of the Dean of the Faculty of Engineering, and the Address by Sir Archibald Geikie, who received the newly-elected Fellows, Scholars, Medallists, and Prizemen on that occasion, is printed in the Calendar for the current Session.

The Session 1914–15 was opened with the following series of Public Introductory Lectures :—

Professor W. M. Flinders Petrie on "Scarabs."

Professor E. A. Gardner on "The Principles of Architectural Sculpture."

Professor S. D. Adshead on "The Democratic View of Town Planning." (Inaugural Lecture.)

Professor E. R. Matthews on "The Functions of a Municipal Engineer." (Inaugural Lecture.)

Dr. T. G. Pinches on "Assyro-Babylonian Militarism."

Professor G. Dawes Hicks on "The Problems and the Method of Philosophy."

Mr. Carveth Read on "The Relation of Animal to Human Psychology."

Professor R. Priebsch on "The History of German Literature from 1050 to about 1350."

Professor A. F. Murison on "First Stages in Roman Legal History."

Professor Sir John Macdonell on "The Growing Unification of Legal Systems."

Professor W. M. Bayliss on "Catalysis in the Living Organism."

Mr. A. H. Barker on "Some Possible Future Developments in Ventilation."

The total number of persons attending Public Lectures (either single Lectures or Courses) during the Session 1913–14 was upwards of 4800.

Co-operation with the London County Council.

The arrangement with the London County Council, whereby Students of the London Day Training College take their Degree Courses at University College, has now been in operation for nearly twelve years with increasing success. Of the Students who entered in the ninth year 26 completed a full three-years' course and took their degrees; of these 14 graduated in Arts (B.A.), 11 taking Honours, and 12 graduated in Science (B.Sc.), 10 taking Honours.

The Committee have been glad to co-operate with the London County Council in providing University Courses for Teachers in Phonetics (English, French, German, and Experimental), History (in the Evening School of History), Greek Art, and Practical Psychology. A course in Experimental Child Study that had been

arranged had to be cancelled, owing to the lecturer, Professor Spearman, having been called away on military service.

The lists of Original Papers and other Publications during the year 1913–14 are appended to this Report (see Appendix I., p. 54).

FACULTY OF ARTS.

The reports from the Heads of Departments indicate that the development of this Faculty is continuing.

History. The growth of the Department of *History*, and the Evening School attached to it, which has been one of the most noteworthy features in recent years, has been maintained. In Ancient History, teaching has been given for the first time in Byzantine History, and a regular course of lectures in that branch is being held by Mr. Norman Baynes this Session. The activities of the Historical Society have been extended by the institution of an Ancient History Circle. The Evening School of History meets a distinct want, and enables Teachers of History and others interested in historical study, who are occupied during the day, to devote themselves in their spare hours to increasing their knowledge of this subject. The work of the department has been further extended this Session by the institution of a lectureship in American and Colonial History, to which Dr. A. P. Newton, a former student, has been appointed. In addition to Professor Pollard's Public Lectures in connection with the War, Mr. Fulton delivered during the First Term of this Session a Course on "Individualism and the British Empire." Professor Pollard has arranged to give further lectures on the War in the Third Term. Owing to the War, the department has been deprived of the services of Professor Mantoux this Session.

Phonetics. The work in the Department of *Phonetics*, which is a valuable auxiliary to all the Language Departments, continues to expand. An Experimental Phonetics Laboratory has been established and, by the courtesy of Professor Starling, has been temporarily housed in one of the rooms of the Physiology Institute. Mrs. Daniel Jones, herself a trained phonetician, has been assisting with the large Practical Classes, the growth of which has demanded additional help. The wide field covered in this department, apart from the regular work in English, French, German, Experimental, and Research Phonetics, is indicated by the titles of Public Courses delivered during the First Term of the current Session, namely, "The Pronunciation of Chinese," "The Pronunciation of Hindustani," and "The Pronunciation of Welsh," while the programme for the current term includes a Course on "Phonetics for Students of Philology." At the invitation of the Board of Education, a Course in Phonetics for Students in Training Colleges was held during the Long Vacation. The work of Mr. Daniel Jones has obtained further recognition, the title of "Reader in Phonetics in the University of London," having been conferred upon him by the Senate.

Physiology and Psychology. The Department of *Philosophy and Psychology* has suffered the temporary loss of Professor (Major) C. Spearman. The College is indebted to Mr. Carveth Read for coming to its assistance at this time and enabling the work of the department to be carried on during

the absence of one of its leaders. Considerable interest was created by the Three Public Lectures by Dr. Bernard Bosanquet delivered during last term, which dealt respectively with "The General Nature of the Æsthetic Attitude—Contemplation and Creation"; "The Æsthetic Attitude in its embodiments—the love of Nature and the Arts"; and "Æsthetic Satisfaction—Beauty and Ugliness."

Indian School.

The work of the *Indian School* is still carried on at the College, pending the completion of the arrangements for the School of Oriental Languages; owing to the present difficulties, it is uncertain when the transfer to the new School will take place. A draft Charter has been prepared, and a special Sub-Committee of the College Committee have considered that Charter and made their recommendations thereon.

The Professor of Sanskrit reports that there has been greater activity than usual in his department, both from the point of view of numbers and of the standard of work. Two students give promise of special distinction, one, an Indian Government Scholar, working with a view to the Doctorate of Literature.

The Lecturer in Pali and Buddhist Literature, Mrs. Bode, delivered a Public Lecture on "Two Aspects of Buddhist Literature" last term; the subject is one that naturally appeals to a limited section of the public.

The teacher in Hindustani has pursued his work with great vigour during the past year, and has formed special groups adapted to the varying needs of the individual students, which have been drawn from such different classes as Missionaries, I.C.S. Probationers, Clerks from the National Bank of India, and men who have gone out to India for commercial purposes.

Egyptology.

The work of the British School of Archæology in Egypt last season resulted in the discovery of treasure of more than usual interest. The excavations lay at the mouth of the Fayum Province, near the town on the great dyke which is known as Illahun, or Lahun. Continuing work that had been begun by Professor Flinders Petrie twenty-five years ago, the site was thoroughly cleared and the whole area within the temenos wall of the Pyramid of Lahun was thoroughly examined. As a result, five tombs of the royal family were found, all of which had been plundered; one of them, however, still held jewellery in a fine state of preservation and of great beauty. As much of this jewellery as was brought to England was exhibited at the College during June and July. The work of the British School has been supplemented by the issue of a quarterly journal 'Ancient Egypt,' edited by Professor Petrie, which has already obtained a large circulation. Full reference was made last year to the acquisition of Professor Petrie's Collection of Egyptian Antiquities; the work of cataloguing and arranging the Collection is progressing. The first volume of the Catalogue, *Amulets*, has been published and contains 1730 photographs. The Department of Egyptology has suffered a great loss by the death of Mr. J. H. Walker, to whose devoted services it owed much.

FACULTY OF LAWS.

The Heads of the several departments in the Faculty of Laws are able to record further progress. There has been an increase in the total number of the whole Law School, although the number of students at this College remains about the same. The activity of the Faculty in organising Public Lectures on important legal topics has been extended, and Professor Sir John Macdonell has continued his Public Courses on Comparative and International Law, dealing with such subjects as "The Legal Relation of Monopolies and Restraint of Trade" and "Comparative Law: its Methods and Future." Professor Henri Rollin, of the University of Brussels, delivered two Public Lectures on "An Introduction to the Study of Colonial Law." Professor J. H. Morgan delivered last term two further Public Lectures under the Rhodes Trust on "Laws of the Empire," at one of which the Rt. Hon. Viscount Bryce presided; the Course will be continued at a later date. Professor Morgan has been granted leave-of-absence for the purpose of conducting a special mission in connection with the War, Dr. Thomas Baty having been appointed to take charge of his classes and research students until he returns. Leave-of-absence has also been granted to Professor R. W. Lee for the current Session; during his absence the work in Roman-Dutch Law is being carried on by Professor Murison.

FACULTY OF SCIENCE.

Physics.

Reference was made in last year's Report to the illness of Professor Trouton, which rendered it necessary for him to be absent during the greater part of last Session. Owing to the slowness of his recovery, it seemed unlikely that he would be able to take up his work again within the near future. Professor Trouton therefore decided to resign the Quain Chair of *Physics*. His resignation was accepted with deep regret as from Christmas last. The College Committee desire to record their sense of the high value of Professor Trouton's services to the Science of Physics in general, and to the College in particular. Both Professor and Mrs. Trouton have taken an active part in the life of the College and have been generous in their gifts to it. A successor to Professor Trouton will be appointed in time to take up his work at the beginning of next Session. Meanwhile, Dr. Porter has accepted the responsibility of acting-head of the department, and the staff has for the time being been strengthened by the temporary appointment of Dr. Phillips.

Applied Mathematics.

The work of the Department of *Applied Mathematics* has been somewhat handicapped by the absence of Professor Filon on military service. Mr. G. B. Jeffery is acting as head of the department in his absence; Professor Karl Pearson and Professor Hilton of Bedford College are also rendering assistance.

The staff of the Department of *Geology* has been strengthened by the addition of Dr. J. V. Elsden, a distinguished Petrologist.

Botany.

The Field Laboratory at Blakeney Point, Norfolk, in connection with the Departmeut of *Botany* has been completed and opened, special regard being had to the requirements of ecological research.

The facilities thus available are primarily due to the generosity of Botanists throughout the country, to old and present members of the department, and to the Worshipful Company of Fishmongers, as well as to the National Trust. A liberal grant towards defraying the cost of apparatus and other expenses incurred in original investigations has been made by the Trustees of the Percy Sladen Memorial Fund.

Applied Statistics and Eugenics.

Professor Karl Pearson last year prepared a report on the work of his department for the past five years, and recorded the issue of no fewer than 166 publications. The plans for the development of the anthropometric work of the department have been hindered by the War, Dr. Derry, who was appointed lecturer for this purpose, having undertaken medical work at the Front.

FACULTY OF ENGINEERING.

Professor Ernest George Coker, who was appointed in the course of last Session as successor to Professor Cormack, began his work shortly after the opening of the present Session. Facilities were provided for the continuation of Professor Coker's special line of research owing to the advantageous terms upon which the Council of the City and Guilds Technical College, Finsbury, transferred his research apparatus to the College.

The new Chadwick Professor of Municipal Engineering, Mr. Ernest Romney Matthews, also took up the duties of his Chair at the beginning of the Session. In addition to the regular work of the Chair, he has delivered a series of Public Lectures, at the first of which the Chair was taken by the Chairman of the Chadwick Trustees, Sir William Collins.

The postgraduate work arranged between this College, the Imperial College, and King's College was considerably extended during last Session, and a new and more comprehensive programme has been issued this Session. The electrical plant has been increased by the provision of an Einthoven Galvanometer, by means of which the Wireless Time-Signals sent out from the Eiffel Tower in Paris and from Norddeich can be rendered visible and recorded. During the War the use of this apparatus is, by order of the Government, suspended. A new Projection Oscillograph has also been added to the research apparatus, which enables many alternating-current phenomena to be exhibited to classes in the lecture room.

The new Department of Heating and Ventilating Engineering, the institution of which was made possible by the grant of the London County Council, has now settled down to its work. Its position has been strengthened by the establishment of two Research Studentships by the Institution of Heating and Ventilating Engineers. Some valuable research work in these important practical subjects was conducted last Session and is being continued in the current Session. A large amount of special apparatus has been designed and erected in the department.

FACULTY OF MEDICAL SCIENCES.

The work of the Department of Anatomy has been strengthened by the appointment of a whole-time Lecturer and Demonstrator in that subject, who, in addition to his other duties, has the special charge of the anatomical course that has been instituted for Dental Students. The amalgamation of the National Dental Hospital with University College Hospital as from the beginning of the present Session lays upon the College the duty of making provision for the teaching of Dental Students.

A Course of Lectures under the Page-May benefaction was given in connection with the Department of Physiology last Session by Mr. Keith Lucas, F.R.S., on "The Conduction of the Nervous Impulse."

War Arrangements.

1914–15.

The work of the current Session has inevitably been largely affected by the War. As far as possible the work of the College has been carried on as usual. Some modifications have been necessary, owing to the absence of Teachers and the diminution in the number of Students. The College Committee desire to acknowledge the public-spirited way in which members of the Academic Staff and Students have co-operated in overcoming difficulties. The extent to which the members of the College, past and present, are actively serving the nation at this time of crisis is indicated by "Pro Patria," a copy of which is circulated herewith. This has been made as complete as possible up to December 31st, 1914. It contains 665 names; the following analysis of these will be of interest: –

1. *Army.*		
Present members of the Academic Staff..	15	
Former members of the Academic Staff..	2	
Present Students	305	
Former Students	193	
Servants	8	
	—	523
2. *Navy.*		
Present members of the Academic Staff..	2	
Present Students	8	
Former Students	16	
Servants	4	
	—	30
3. *Officers Training Corps.*		
Preparing to take Commissions	..	69
4. *Red Cross Work (Women).*		
Already abroad	17	
Voluntary Aid Detachment: ready for service	26	
	—	43
		665

The past and present members of the College whose names are not in "Pro Patria," and who are taking an active part in one or other of the Services, are invited to send full particulars to the Publications Secretary. It is expected that a second issue of "Pro Patria" will be ready early in May.

Officers Training Corps.

The work of the Officers Training Corps has been developed in order to provide Students of the College who are desirous of obtaining military training with additional opportunities. The number of drills and firing practices has been increased.

A permanent Infantry Camp has been formed at Perivale, under the command of Captain Newcombe, for the continuous training of Cadets desiring Commissions in the immediate future. Week-end camps are also held for those who cannot attend a full-time camp.

Captain T. G. Hill has been appointed Adjutant.

Dr. R. E. Slade and Mr. L. Wilkinson have been appointed to Commissions in the Corps and attached to "A" Company.

At least sixty-six men of the old "A" Company, as it existed in July 1914, have already taken Commissions, while the applications of others are under consideration at the War Office. Fifteen men have enlisted in the ranks without waiting for Commissions.

Lieut. Dibdin and Mr. C. M. Green have joined the Special Reserve and have been transferred to the Royal Sussex Regiment.

The Artillery Section, under the command of Captain H. J. Harris, is considerably above strength. Mr. R. E. M. Wheeler has been appointed 2nd Lieut. *vice* Mr. H. J. Page, who is serving in France. Eighty per cent. of last year's members obtained Commissions during the early days of the War. Messrs. Bishop and Krohn (Engineering) have obtained University Commissions. The Artillery Unit is the only one now existing at an English University, the others having been disbanded at the commencement of the War. Mr. P. V. Thomas, of the Department of French, was the first of this year's recruits to obtain a Commission.

The 1914 Summer Camp of the "C" Section, Medical Unit, held on Salisbury Plain at the end of July was cut short by the declaration of hostilities, and a number of commissions were taken by the senior cadets in the R.A.M.C. (Special Reserve, as civil surgeons, with the rank of temporary lieutenants). The next few weeks brought a large accession of recruits, and for these a special Condensed Course was held in the Autumn, including five week-end camps at High Barnet. This Course was followed by an examination for Certificates A and B, presided over by Lt.-Col. H. E. R. James, C.B., in which the percentage of successes gained by "C" Section was gratifying.

The present number of cadets enrolled in "C" Section is 71. Between 35 and 40 commissions have been granted to qualified cadets of the section in the medical services of the Army and Navy during the year.

Capt. (temporary Major) A. M. H. Gray has been seconded for service at the War Office in the Department of Military Training. Lieut. G. G. Alderson has joined the Special Reserve, and the Section is at present under the command of Lieut. F. J. Cleminson.

Other War Activities.

A General College Meeting was held at the beginning of the Session, at which were discussed the different methods by which those members of the College who are unable to go on Active Service could assist their country. The following are the chief of these:—

(1) *The Reception of Refugee Students from Belgian and French Universities.*

The College Committee, with the sanction of the Senate, decided to accept Refugee Students as students of the College and to exempt them from the payment of ordinary fees, requiring from them only a Registration Fee and a fee to cover the cost of materials.

The total number of Refugee Students admitted since the beginning of the Session is 116. Of these, 12 have returned to Belgium or France for the purpose of joining the army, or in other ways aiding their native country; a few more have left for other reasons; there are at the time of this report about 100 in attendance at the College. The following analysis was made at the beginning of the Second Term:—

Women:		
Faculty of Arts	4	
do. Slade School	1	
Faculty of Science	1	
	—	6
Men:		
Faculty of Arts	25	
do. School of Architecture	2	
	—	27
Faculty of Arts and Faculty of Laws.		
Combined Courses	—	9
Faculty of Laws	—	4
Faculty of Science.		
Junior Course	1	
Senior Course	6	
	—	7
Faculty of Medical Sciences	—	7
Faculty of Engineering.		
1st Year Engineering Course	5	
2nd Year Course:		
Mechanical	4	
Civil	2	
Electrical	2	
3rd Year Course:		
Mechanical	1	
Electrical	3	
Combined 2nd and 3rd Year Course	1	
Postgraduate Course in Heating and Ventilating	1	
Special Course in Electrical Engineering	2	
	—	21
		81

The University has made special arrangements for these students to appear before Boards of Moderators, with a view to granting exemption from Matriculation or from the Intermediate Examination to those who can prove that they have attained a sufficient standard. This will make it possible for students who have completed an adequate course in their own country to obtain their degrees in London, provided that they have done at least a Session's satisfactory work within the University and passed their examinations.

In arranging the work of these students, the College was assisted very greatly by Professor Louis Gesché of the University of Ghent, who not only advised as to their studies, but, being himself a major in the Belgian Army, drilled the Belgian students on Wednesday and Saturday afternoons. The College was glad to offer its hospitality to Professor Gesché, and the Academic Staff elected him a member of their Common Rooms.

In connection with the reception of Refugee Students and other persons connected with Belgian and French Universities, the College has been able, through the help of its members and their friends, to provide hospitality, either partial or complete, for about 48 persons. Most of the Refugee Students were in need of financial assistance in addition to the provision of hospitality. For this purpose, members of the College and their friends have subscribed up to the present a sum of £293 0*s.* 11*d.*; others have given books, instruments, and clothing. The funds at present in hand are sufficient to meet the urgent needs of the Refugee Students until the end of the Second Term; a further sum of about £120 will be required if these students remain in the College during the Third Term.

Some of the regular College students offered to assist the Refugee students in learning English; the Refugees were divided up into small groups of five or six, and in most cases their English tutors have "acted as guides, philosophers, and friends" to them. The Union Society and the Women's Union Society have accepted them as members without subscription.

(2) *Public Lectures on War Topics.*

The following Public Lectures on topics relating to the War have been arranged:—

Professor A. F. Pollard on "The War: its History and its Moral," and "The War Week by Week" (six lectures).

Professor J. A. Fleming on "Wireless Telegraphy in War."

Professor L. W. Lyde on "The Geography of the European Frontiers."

Professor F. M. Simpson on "Rheims Cathedral."

Mr. Arthur Gardner on "The Sculptures of Rheims Cathedral."

Mr. A. Bruce Boswell (Lecturer on Slavonic History in the University of Liverpool) on "Russia, Poland, and the War."

Mlle. Le Roy on "Recits de Guerre et d'Invasion dans l'Argonne et en Champagne."

M. Camille Poupeye on "Belgian Art." (Five Public University Lectures.)

Six Carpenters' Company Public University Lectures on "The Architecture of Belgian Towns," by MM. Caluwaers, Horta, and Portielje (Belgian Architects), Mr. P. Abercrombie, M.A., and Mr. Arthur Stratton, F.R.I.B.A.

Dr. A. Wolf on "The Philosophy of Nietzsche" (three lectures).

The lectures that have already been held have been attended by crowded audiences; in certain cases, owing to the limited accommodation available, it has been necessary to repeat lectures.

M. L. Van der Essen, Professor of Mediæval History in the University of Louvain, was invited to deliver at the College during the First Term of the current Session, a Course of Six Lectures on "Louvain and its University," the proceeds of the Course, amounting to £65, being devoted to the assistance of refugees from Louvain. His Eminence the Cardinal Archbishop of Westminster presided on the occasion of the third lecture, and the Course attracted a great deal of interest.

(3) *Social Work.*

Members of the College have aided in social work in connection with the War in a great variety of ways. Through the medium of the various social organisations connected with the College, a great deal of valuable work has been done for soldiers' and sailors' wives and Families. A large amount of needlework, both for our own soldiers and for those of Belgium, has been provided. Many members of the staff and students, who for special reasons are unable to undertake military duties, are serving as Special Constables.

The activities of St. Christopher's Working Boys' Club have been greatly extended. There were 112 members of the Club of sufficient age for military service; of these, 93 have volunteered, of whom 82 have been accepted. For the boys too young to enlist, a Cadet Corps has been formed and has been recognised by the City of London Territorial Association.

Facilities for Military Training.

In addition to the ordinary facilities granted to the Officers Training Corps and to certain Territorial Companies connected in one way or another with the College, the College Committee has given facilities to various companies for the purpose of military training. During the Long Vacation, the 1st London Brigade, Royal Field Artillery, were billeted in the Gymnasium and their horses in the South Quadrangle. Since the beginning of the Session, the Artists' Rifles have been given accommodation for lectures and for drills. The Union Society cancelled all their athletic arrangements and gave over the Athletic Ground at Perivale entirely to the purposes of a Training Camp. The members of the Academic Staff have formed a Rifle and Drill Corps.

THE LIBRARIES.

The accessions to the Libraries during the year amount to 3,106 volumes and pamphlets. Of this number 2,002 have been presented. These totals include 263 additions to the Mocatta Library: 226 by purchase and 37 by presentation.

Special thanks are due to the following donors :—

(1) To Sir John Rotton, for a collection of classical books, and for a set of the 'Giornale storico della letteratura italiana' in sixty-eight volumes.

(2) To Lady Swan, for a collection of scientific periodicals, presented in memory of Sir James Wilson Swan.

(3) To Sir William Ramsay, for seventy volumes of chemical works.

(4) To Mr. J. S. Parkin, for a collection of twenty-five volumes of scientific periodicals.

(5) To the Patent Office Library for twenty-three volumes of Library publications.

(6) To the Corporation of Nottingham, for six volumes of the Records of the Borough of Nottingham.

(7) To the German Government, for 189 volumes of the publications of the Royal Library at Berlin and 214 photographs of exhibits.

A large number of duplicates in the University Library at South Kensington have been transferred to the Library here. They include valuable sets of Record Commission publications and other state papers.

Several early editions of Napier were lent for exhibition at the Napier Tercentenary held in Edinburgh in July.

Additional shelving has been placed in the strong-room, and a second strong-room has been constructed, more particularly for the storage of MSS. and documents which could not be replaced, but which are too bulky to be stored in the original strong-room. To this class belong, for example, the MSS. belonging to the late Sir Edwin Chadwick. Thanks are due to Dr. Carey Foster for sorting many of the MSS. bearing on the history of the College and of the Society for the Diffusion of Useful Knowledge.

The ceilings of the Arts Libraries have been lined with fire-proof material.

A statement of the rules governing the formation and management of departmental libraries has been drawn up by the Library Committee, and approved, after amendment, by the College Committee.

A Departmental Library in Architecture has been formed, and has been greatly strengthened by the incorporation of the architectural section of King's College Library.

Preliminary arrangements have been made for a Departmental Library in Chemistry, and a room has been allotted for the purpose.

During the Session 1913–14, 120 Students held keys of the Science Library, and 181 of the different Arts Libraries. The number of books issued for home reading was 4,394, and the number of books issued for reading in the Libraries is roughly estimated at 115,000.

EVENING AND VACATION LECTURES AND MEETINGS.

The College has been open during the past year on five evenings in the week for the purposes of special work, mainly of a post-graduate nature.

The meetings of the Philological Society, the Students' Political Economy Club, the Geologists' Association, the Jewish Historical Society, and the Law Students' Society are held regularly in the College.

The College has been made the headquarters of the Historical Association and the Folk-Lore and Bibliographical Societies.

The Classical Association, the Modern Language Association, the Froebel Society, and the British Society of Franciscan Studies have also met at the College, and the Annual Conference of the Incorporated Society of Assistant Masters in Secondary Schools was held there in January.

The University Holiday Course for Foreigners was again held at the College during the Long Vacation.

STUDENTS' SOCIETIES.

The Union Society celebrated its Twenty-first Anniversary in March 1914, and did so by making the Foundation Week festivities more than usually elaborate. The Foundation Oration was delivered to a crowded audience by the first President of the Union Society, Professor Sir Edward Schäfer, who discoursed on "Certain Desirable Adjuncts to a University Education." The Foundation Play was "The Merry Devil of Edmonton," and was produced under the direction of Dr. Chambers, Mr. T. G. Hill, and Miss Margaret Chick. The Union Dinner, which was organised specially to celebrate the Majority of the Society, was attended by nearly 400 men. The President of the year, A. M. Mann, B.A., the Secretary, C. J. Gosney Exley, the Organiser of the Dinner, H. Todd Thornbery, B.Sc., and all the members of the Union Committee, are to be warmly congratulated on the success of the week.

There was a keen and healthy interest in athletics and games last Session; more men were playing regularly than in any previous year, a fact undoubtedly due to the excellence of the Athletic Ground at Perivale. The Association Football Club reached the Final for the Cup Tie, when a well-deserved victory went to St. Thomas's Hospital. The Club was invited to visit Moscow University, but wisely passed on the invitation to a team that should represent the whole University. This team was captained by G. H. Ince, of the College, and among the eleven were Messrs. Farrow, Hopper, and Maynard. The University Association Team won their four matches during the tour in Russia.

W. Steadman, who represented the Boxing Club, was victor in the Inter-Hospital Heavyweights.

The meeting of the Athletic Club, which was held in the Third Term of last Session, was from every point of view a record meeting. The Majority Cup that was presented to the Union Society by the Wives of Members of the Academic Staff and Ladies of the Academic Staff as a Challenge Cup to go to the Faculty obtaining the greatest number of points, was won by the Hospital Medicals

with 33 points, the Faculty of Arts being second with 29 points. The Treasurer of the Union, Mr. N. Eumorfopoulos, also presented a new Cup in celebration of the Twenty-first Anniversary; this is given for the Hundred Yards, and was won last year by W. Steadman.

The excellence of the athletic work shown at the College Sports was even more manifest at the University Sports, which took place at Stamford Bridge. The College was represented by a strong team of picked men, and, by their united efforts, the Rosebery Cup was won for the College with a total of 39 points, the nearest opponent being London Hospital, the previous holder, who had 28 points. This success was the result of all-round good work; it was finally achieved by E. L. Broster's great performance in the Three Miles. The Athletic Club and its President, E. G. Kiralfy, are to be warmly congratulated upon this result.

Since the outbreak of the War, the athletic activities of the Union have been almost entirely suspended, as the Athletic Ground at Perivale has been devoted to the purposes of a Training Camp.

Last Session the membership of the Union was 993.

The Women's Union Society, which is but four years younger than the Union Society, also had a year of great activity. It likewise held its Sports, at which the Challenge Cup was presented by the Union Society, and was won by Miss Bousfield. A new feature was the Inter-Collegiate Relay Race, for which representatives of all Colleges in the University having Women Students entered. Boating and Swimming Sports were also held. The Women's Union held an "At Home" at the close of last Session, which was well attended and was a highly successful function. The membership of the Women's Union last Session was 306.

The Union Magazine has appeared regularly and has contained evidences of student activity. There has also appeared a paper entitled 'The Critic,' dealing in the fashion of the youthful reformer with matters great and small that seem to demand consideration.

The special College Societies have continued their successful work. Their number has been increased by the formation of *Le Cercle Français*, and by the foundation of a Romance Society and a Dramatic Society.

The Old Students' Association is developing an extensive scheme for the preparation and maintenance of a fuller and more accurate record of Past Students than has existed hitherto; and a Sub-Committee, working in co-operation with the Union Society and the Women's Union Society, is devising machinery which will in the future make it much easier for students, when they leave, to keep in touch with their Alma Mater. The Honorary Secretary of the Association, Mr. H. Todd Thornbery, B.Sc., will be glad to have the names and addresses of any Old Students who may have lost touch with College activities. The Social Section of the Association (Honorary Secretary, Miss Katherine M. Parker, B.Sc.) arranged the Annual Dinner, which was held in December 1914. The Guild of Graduates, of which Mr. B. Groom, B.A., is now the Registrar, is developing its work and policy.

It is hoped that many of the Past Students who have not yet joined the Association will now become members, and so help on the work that has been taken in hand.

THE PEEL FUND.

The income of the Peel Fund was expended in grants for the purchase of books made to the following Institutions:—

Working Men's Club and Institute, Abbey Wood, Plumstead (£5). Workmen's Reading Room, Grasmere (£5). Compton Working Boys' Club, Goswell Road, E.C. (£10) *. Town Club, Tewkesbury (£4). The Institute, Llanfair, Welshpool (£4). Village Library, Battyeford, Mirfield, Yorks (£4). Memorial Library, Rocktown, Co. Derry (£4).

* Held over pending provision of suitable accommodation for books.

APPENDIX I.

List of Original Papers and other Publications from the various Departments of the College during the Session 1913–14.

Department of Latin. (Professor H. E. Butler.)

Professor H. E. Butler.

Apulei Apologia (text and commentary). (In the Press.)

Department of Greek. (Professor Arthur Platt.)

Professor A. Platt.

(1) On Apollonius Rhodius. (*Journal of Philology*, No. 65.)
(2) Note on Lucretius. (*Classical Quarterly*, October, 1913.)
(3) Theocritea. (*Ibid.*, April, 1914.)

Department of Sanskrit. (Professor L. D. Barnett.)

Professor L. D. Barnett.

(1) Antiquities of India. Medici Press, London, 1913.

Mr. J. Allan.

(2) Catalogue of Gupta Coins in the British Museum. London, 1914.
(3) Articles in the Encyclopædia of Religions. (*Journal of Royal Asiatic Society* and *Numismatic Chronicle.*)

Dr. Mabel H. Bode.

(4) Reviews in the Journal of the Royal Asiatic Society.

Department of Arabic. (Professor T. W. Arnold.)

Professor T. W. Arnold.

(1) Articles in the *Encyclopædia of Islam.*
(2) The Preaching of Islam. (2nd edition. In the Press.)

Department of Hebrew. (Professor H. Gollancz.)

Professor H. Gollancz.

Sepher Maphteah Shelomo (Book of the Key of Solomon), an original book of magic in Hebrew. (Oxford, University Press, 1914.)

North Semitic Epigraphy. (Dr. H. Hirschfeld.)

Dr. H. Hirschfeld.

(1) Al Girgisanis Bekämpfung des Islam. (Immanuel Loew—*Jubelschrift.* In the Press.)
(2) Girgisani Studies. (*Jews' College Publications,* No. 6. In the Press.)
(3) Review on Cl. Huart, Histoire des Arabes, vol. i. (*Journ. Roy. As. Soc.,* January.)

Department of English. (Professor W. P. Ker.)

Professor W. P. Ker.

The Literary Influence of the Middle Ages. (*Cambridge History of English Literature,* vol. x. 1913.)
Bishop Jón Arason. (Viking Society, 1914.)

Dr. R. W. Chambers.

(1) Beowulf with the Finnsburg fragment, edited by A. J. Wyatt. New edition revised, with introduction and notes by R. W. Chambers. Cambridge, University Press, 1914. (In the press.)
(2) A Generall Rule to teche euery man that is willynge .... Edited with introduction and notes. *Early English Text Society and Philological Society,* 1914. (In the press.)
(3) Review of Tupper's *Riddles.* (*Mod. Lang. Rev.,* 1914.)

Mr. J. H. G. Grattan.

(4) Review of Gollancz' *Patience.* (*Mod. Lang. Rev.,* 1914.)

Dr. Agnes K. Foxwell.

(5) The Poems of Sir Thomas Wiat, edited from the MSS. and early editions. 2 vols. University of London Press, 1913. [Accepted as thesis for the London D. Lit. degree.]

Mr. Walter W. Seton.

(6) The Thirde Order of Seynt Franceys for the Brethren and Sisters of the Order of Penitentis. Edited for the Early English Text Society and the Philological Society. (In the Press.)
(7) The Rewle of Sustris Menouresses enclosid. Edited for the Early English Text Society and the Philological Society. (In the Press.)

Department of French. (Professor L. M. Brandin.)

Professor L. M. Brandin.

(1) Une traduction française du *Sortes Apostolorum.* (*Romania*, 1914.)
(2) Review in *English Historical Review.*

Professor G. Rudler.

(3) Le français par l'observation sensible.
Le français par l'observation réfléchie.
Le français par l'observation raisonnée.
3 vols. in 12, Bibliothèque d'éducation, Paris, 15 Rue de Cluny.
(4) Benjamin Constant député de la Sarthe. In 8vo. 61 pp.; La Révolution dans la Sarthe et les départements voisins, tome viii. fasc. 2, avril–juin 1913; et Le Mans, Association ouvrière de l'Imprimerie Drouin.
(5) Les Sources historiques de la Princesse de Clèves. 1er Article. Revue du XVIe Siècle, Tome II. (1914), pp. 92–131. (En collaboration avec M. Henri Chamard, Professeur adjoint à la Sorbonne).

Professor Paul J. Mantoux.

(6) A qui furent addressées les Réflexions sur la Révolution Française de Burke? (*Revue d'Histoire Moderne et Contemporaine*, July, 1914.)
(7) Reviews in *Revue Historique* and *Revue d'Histoire Moderne.*

S. A. Richards.

(8) Feminist writers of the seventeenth century; with special reference to François Poulain de la Barre. (David Nutt.)

Department of German. (Professor R. Priebsch.)

Professor R. Priebsch.

(1) German Pamphlets in Prose and Verse on the trial and death of Charles I. (In *A Miscellany, presented to John Macdonald Mackay*, L.L.D., June 1914.)
(2) Bruder Rausch, Facsimile-Ausgabe des ältesten niederdeutschen Druckes (A) nebst den Holzshnitten des niederländischen Druckes (J) vom Jahre 1596, eingeleitet und mit einer Bibliographie versehen von R. P. Zwickau, 1914 (to appear shortly).
(3) Review of R. Vian, *Ein Mondwahrsagebuch* in Deutsche Literaturzeitung, xxxiv. (1913) ,c. 2784.
(4) Description of a MS. of the Christ-Herre Chronicle in the possession of B. Quaritch.

Mrs. J. Crosland.

(5) Vom blüemlein Vergissmeinnit. An unpublished M.H.G. Poem. (In *Modern Language Review*, vol. ix. 3, July 1914.)

Dr. W. E. Collinson.

(6) Die Mittelniederdeutsche Katharinenlegende der Hs. ii. 143 der kgl. Bibliothek zu Brüssel. Texte und Untersuchung. (Winter, Heidelberg; in the press.)

Professor J. G. Robertson.

(7) Notes on Lessing's Beyträge zur Historie und Aufnahme des Theaters. (In *Modern Language Review*, viii. 4 ix. 2; Oct. 1913, April 1914.)
(8) Reviews in *Modern Language Review*, *Nation*, and other journals.

Mr. A. G. Haltenhoff.

(9) German-English Dictionary (in Roman type). (Hachette & Co.)
(10) Cours de Français. Graduated readings in Science subjects. (Hachette & Co.)

Dr. L. A. Willoughby.

(11) An Early Translation of Goethe's 'Tasso.' (In *Modern Language Review*, ix. 2, April 1914.)

Mr. Walter W. Seton.

Some new sources for the life of Blessed Agnes of Prag, including some Chronological Notes and a new text of the Benediction of S. Clare. (*Archivum Franciscanum Historicum*, 1914, pp. 185–197.)

Department of Italian. (Dr. Antonio Cippico.)

Dr. Antonio Cippico.

(1) Gabriele d' Annunzio's 'Canzoni della Gesta d'Oltremare. (*Fortnightly Review*, December 13.)
(2) Reviews and Articles in the *New Statesman*, *Rassegna Contemporanea* and other Italian Magazines.

Dr. Edmund G. Gardner (Barlow Lecturer).

(3) Three Notes on the 'Divina Commedia': the *Messo del Cielo*, the penalty of Manfredi, Dante's allusion to Marcellus. (In *Modern Language Review*, ix. 1, January 1914.)
(4) The Poet of the Franciscan Movement: Fra Jacopone da Todi. (*Constructive Quarterly*, ii. 2, June 1914.)
(5) Reviews in the *Daily Chronicle* and the *Dublin Review*.

Arundel del Ré.

(6) Gitanjali di Rabindranath Tagore. Translation. (Carabba Lanciano.) (In the Press.)
(7) Translations, Reviews, Articles, in the *New Statesman*, *Times*, *Bookman*, *Apollon*, *Rassegna Contemporanea*, etc.

Department of Phonetics. (Mr. Daniel Jones.)

Mr. Daniel Jones.

(1) *Le Maitre Phonétique,* the journal of the International Phonetic Association.

H. O. Coleman.

(2) Intonation and Emphasis. (*Miscellanea Phonetica,* 1914.)

Department of History. (Professors F. C. Montague and A. F. Pollard, and Mr. M. O. B. Caspari.)

English History.

Professor Pollard.

(1) The Reign of Henry VII. from Contemporary Sources. Vol. I. Narrative Extracts. Vol. II. Constitutional, Social, and Economic History. Vol. III. Foreign Relations, the Church, and Ireland. (Longmans.)
(2) The Tudor Period in the Historical Association's *Bulletin,* 1914.
(3) Letters and Reviews in *The Times* and the *English Historical Review.*
(4) Richard. Lord Rich. (*The Felstedian,* June 1914.)

Dr. A. P. Newton.

(5) The Colonising Activities of the English Puritans. (Yale University Press, 1914.)
(6) A new Plan to govern Virginia. (*American Historical Review,* April 1914.)
(7) Reports on the Papers of the Royal African Companies, etc. for the Hist. MSS. Commission.

Mr. E. A. Fulton.

(8) History and Natural Life. (*History,* April, 1914.)

J. A. Clark.

(9) Mine Own : A Bundle of Essays. (R. Scott, 1913.)

Miss E. Jeffries Davis.

(10) A Note on the Huune Tracts. (*The Library,* April, 1914.)
(11) Lollardy in the Early Tudor Period. (M.A. Thesis.)

Miss E. J. B. Reid.

(12) Lollards at Colchester in 1414. (*English Hist. Review,* December, 1913.)

Miss Eleanor Trotter.

(13) Local Government in Yorkshire in the 17th Century. (M.A. Thesis.)

H. D. Whitby.

(14) Reviews in the *Athenæum*, etc.

Mr. Walter W. Seton.

(15) On an English Codex containing the Rule of the Third Order of S. Francis. (*Archivum Franciscanum Historicum*, 1914, pp. 156–159.)

(16) The Prayer Book of a Saint. (*Burlington Magazine*, February, 1914.)

Ancient History.

Mr. M. O. B. Caspari.

(17) On the Egyptian Expedition of 459–4 B.C. (*Classical Quarterly*, Oct. 1913.)

(18) The Parliament of the Achæan League. (*English Historical Review*, April, 1914.)

(19) On the Long Walls of Athens. (*Journal of Hellenic Studies*, June 1914.)

(20) Article on Greek History. (In *The Year's Work in Classical Studies*, 1913.)

(21) Article on Ancient History. (In *The Bulletin of the Historical Association*, 1913.)

(22) Revision of article on Greek Finance. (In *The Cambridge Companion to Greek Studies*, second edition.) (Ready shortly.)

(23) Reviews in the *Journal of Hellenic Studies* and in the *Classical Review*.

Mr. N. H. Baynes.

(24) Cambridge Mediæval History, II. c. 9 (with extended bibliography) "The Successors of Justinian."

(25) United Service Magazine. Articles on the campaigns of the Emperor Heraclius. (Will shortly appear in book form.)

Department of Archæology. (Professor E. A. Gardner.)

Professor E. A. Gardner.

(1) Note on the Boston Counterpart of the Ludovisi Throne. (*Journal of Hellenic Studies*, 1913.)

(2) Various reviews on books in Classical Archæology in the *Athenæum*, the *Times*, the *Classical Review*, the *Journal of Hellenic Studies*, &c.

Department of Egyptology. (Professor W. M. Flinders Petrie.)

Professor Petrie.

(1) "Tarkhan II." 29 pp., 72 pls.

(2) "Amulets." 58 pp., 54 pls.

Miss Margaret A. Murray.

(3) "Egyptian Legends."
(4) "Cult of the drowned." (*Zeits. Aeg. Sprache.*)
(5) "Custom of killing the king." (*Man.*)

Department of Philosophy and Psychology. (Professors G. Dawes Hicks and C. Spearman, and Dr. Wolf.)

Professor G. Dawes Hicks.

(1) Appearance and Existence. Presidential Address to Aristotelian Society, 1913. (*Proceedings of Aristotelian Society*, 1914.)
(2) Berkeley and the Philosophy of Idealism. (About to be published by Jack & Co., London, 1914.)
(3) Survey of Recent Philosophy. (*Hibbert Journal*, Oct. 1913, and Jan., April, & July 1914.)

Dr. Wolf.

(4) The Value of Logic. (*Proceedings of the Aristotelian Society*, 1914.)
(5) The Rôle of Repression in Forgetting. (*British Journal of Psychology*, vol. vii.)
(6) Education for a Living and Education for Life. (*Clare Market Review* of the London School of Economics, vol. ix.)
(7) Rousseau. (*Union Magazine*, U.C.L., 1913.)
(8) Review of Prof. Külpe's *Die Realisierung: Ein Beitrag zur Grundlegung der Realwissenschaften*. (*Mind*, No. 88.)
(9) Review of Dr. Vaihinger's *Philosophie des Möglichen*). (*Mind*, No. 90.)
(10) Review of the *Encyclopedia of Philosophical Science*. (*Hibbert Journal*, 1914.)

Mr. Carveth Read.

(11) The conditions of Belief in Immature Minds. (*British Journal of Psychology*, 1914.)
(12) On the Differentiation of Man from the Anthropoids. (British Ass., 1913, Section H., 1913.)

Professor Spearman.

(13) Qualified and Unqualified "Formal Training." (*Journal of Experimental Psychology*, II. 1914.)
(14) Die Theorie von zwei Faktoren. (Read before the German Society for Experimental Psychology, 1914.)
(15) The Theory of Two Factors. (*Psychological Review*, xxi. 1914.)
(16) The Heredity of Abilities. (*Eugenics Review*, in the press.)

Dr. Bernard Hart and Professor Spearman.

(17) An experimental investigation into the General Nature of Dementia. (Read at the International Congress for Medicine, London, 1913.)

Dr. A. Wohlgemuth.

(18) A priori Argument for the Existence of a Cerebral Centre for Affection. (Read before the British Psychological Society, 1913.)

Dr. A. Abelson.

(19) A comparative study of Normal and Subnormal Children by means of Mental Tests. (Read before the British Psychological Society, 1913.)

Miss N. Carey.

(20) General Ability and the Subjects of School Curriculum. (Read before the British Psychological Society, 1913.)

E. Webb.

(21) An Attempt at an Exact Estimation of Character. (Read before the British Psychological Society, 1913.)

Department of Political Economy. (Professor H. S. Foxwell.)

Professor Foxwell.

(1) J. M. Keynes. Indian Currency and Finance. (*Economic Journal*, Dec. 1913.)

Henry Higgs, C.B., and G. Udny Yule.

(2) Statistics. By the late Sir Robert Giffen, K.C.B., F.R.S. Edited, with an Introduction, by Henry Higgs, C.B., with the assistance of G. Udny Yule, 1913.

Mr. W. T. Layton.

(3) The Relations of Labour and Capital, 1914.

Department of Geography. (Professor L. W. Lyde.)

Professor L. W. Lyde.

The Continent of Europe. (Macmillan & Co.)

Department of Geology. (Professor E. J. Garwood.)

Professor E. J. Garwood.

(1) Fossil Calcareous Algæ as rock-building organisms. Brit. Assoc. for the Adv. of Science. Presidential Address to Section C. Birmingham, 1913.

(2) On the Important Part played by Calcareous Algæ at certain Geological Horizons, with special reference to the Palæozoic Rocks. (*Geol. Mag.*, Dec. v. vol. x. 1913.)

(3) Some New Rock-Building Organisms from the Lower Carboniferous rocks of Westmoreland. (*Geol. Mag.*, Dec. vi. vol. i. 1914.)

Department of Constitutional Law. (Professor J. H. Morgan.)

Professor J. H. Morgan.

(1) The Government of Ireland. (*Nineteenth Century and After*, September 1913.)

(2) Law, Politics, and History (the Reflections of Lord Morley). (*Nineteenth Century and After*, March 1914.)

(3) The Army and the Civil Power. (*Nineteenth Century and After*, May 1914.)
(4) Numerous contributions to the *Times* on Martial Law.
(5) The Law Merchant (for the *Selden Society*). (In preparation.)
(6) The Legal and Political Unity of the Empire. (With *Mr. John Murray.*) (In preparation.)

Department of Roman Law. (Professor A. F. Murison.)

Professor A. F. Murison.

(1) Collation of the three Paris MSS. of the Greek Paraphrase of the Institutes of Justinian attributed to Theophilos (Professor). [*In scrinio.*]
(2) Collation of the two Brussels MSS. of Theophilos. [*In scrinio.*]
(3) Review of Dr. Hyamson's "Mosaicarum et Romanarum Legum Collatio." (*Classical Review*, Dec. 1913.)
(4) "University College, London, 1826–1900." (*Windsor Magazine*, June, 1914.)
(5) Roman Law in 1912. Translation of Prof. Girard's Address to the Society of Public Teachers of Law. (*Journal of Comparative Law.*)

Department of Pure Mathematics. (Professor M. J. M. Hill.)

Professor M. J. M. Hill.

(1) The Theory of Proportion. (Constable & Co., 1914.)

Dr. A. N. Whitehead.

(2) The Relational Theory of Space, communicated to the International Congress on Mathematical Philosophy, Paris, April 1914, and printed in the *Revue de Morale et de Métaphysique* (Paris).

Mr. F. Jackson.

(3) On the series for the sine and cosine. (*Messenger of Mathematics*, vol. xliii. pp. 63–72.)

H. E. J. Curzon.

(4) Generalisations of the Hermite Functions and their connexion with the Bessel Functions. (*Proceedings of the London Mathematical Society.*)

Dr. J. Rose-Innes.

(5) On an Assumption contained in Euclid's proof of certain propositions in his Twelfth Book. (*Proceedings of the London Mathematical Society*, Series 2, vol. 13, pp. 57–59.

Department of Applied Mathematics. (Professor L. N. G. Filon.)

Professor L. N. G. Filon.

(1) On the Temperature Variation of the Photo-elastic Effect in Strained Glass. (*R. S. Proc. A.* vol. 89, pp. 587-593.)
(2) [With Professor E. G. Coker.] Report on Stress-Distributions. (*British Assoc. Report*, 1914.)

Department of Applied Statics and Eugenics. (Professor Karl Pearson.)

Professor Karl Pearson.

(1) The Life, Letters and Labours of Francis Galton. Vol. I., 1822–1854, with upwards of 70 plates and pedigree charts, illustrating Galton and Darwin ancestry. (*Cambridge University Press.*)
(2) Tables for the use of Statisticians and Biometricians. (*Cambridge University Press.*)
(3) A Ready Reckoner for the Obstetrician. (*Biometrika*, vol. ix. p. 539.)
(4) On the Probability that two Independent Distributions of Frequency are really Samples of the same Population with special Reference to Recent Work on the Identity of Trypanosome Strains. (*Biometrika*, vol. x. pp. 85–143.)
(5) The Handicapping of the Firstborn. (*Eugenics Laboratory Lecture Series*, no. x.)
(6) On the Surface of Constant Association Q=0·6. (*Biometrika*, vol. ix. p. 534.)
(7) On certain Errors with regard to Multiple Correlation occasionally made by those who have not adequately studied the subject. (*Biometrika*, vol. x. pp. 181-187.)
(8) The Statistical Study of Dietaries, a Rejoinder to Professor Noel Paton. (*Biometrika*, vol. x. pp. 172–174.)
(9) On the Essential Conditions that a Population Breeding at Random should be in a Stable State. (*Biometrika*, vol. x. pp. 175–179.)
(10) Prefatory Note to a Report on the Treatment of Pulmonary Tuberculosis with Tuberculin. Presented by the Medical Superintendent to the Council of the King Edward VII. Sanatorium, Midhurst.

Professor Karl Pearson and Dr. David Heron.

(11) On Mortality from Phthisis. (*Proceedings of the Royal Society of Medicine*, vol. vii. pp. 67–73.)

Professor Karl Pearson and Gustav A. Jaederholm.

(12) Mendelism and the Problem of Mental Defect. II. The Continuity of Mental Defect. (*Questions of the Day and of the Fray*, No. IX.)

Dr. M. H. Williams, Miss Julia Bell, and Professor Karl Pearson.

(13) A Statistical Study of Oral Temperatures in School Children, with special reference to Parental Environment and Class Differences. *Drapers' Company Research Memoirs*: Studies in National Deterioration, No IX.)

Miss Kathleen V. Ryley, Miss Julia Bell, and Professor Karl Pearson.

(14) A Study of the Nasal Bridge in the Anthropoid Apes, and its Relationship to the Nasal Bridge in Man. (*Biometrika*, vol. ix. pp. 391–445.

Dr. Charles Goring.

(15) The English Convict—A Statistical Study. I. Report, pp. 1–440. II. Schedule of Measurements and General Anthropological Data of 3000 Criminals.

William Rowan, Miss Katharine M. Parker, and Miss Julia Bell.

(16) On Homotyposis and Allied Characters in the Eggs of the Common Tern. (*Biometrika*, vol. x. pp. 144–168.)

Miss Ethel M. Elderton.

(17) Report on the Birthrate in England. Part I. England, North of the Humber. (*Eugenics Laboratory Memoir Series*, No. XIX.) (At Press.)

(18) On Infantile Mortality and the Employment of Women. (*Biometrika*, vol. x. pp. 193–195.)

Dr. David Heron.

(19) On Mortality from Cancer. (*Proceedings of the Royal Society of Medicine*, March 27, 1914.)

(20) Mendelism and the Problem of Mental Defect: a Rejoinder to Dr. Davenport. (*Science*, p. 24.)

Mr. Herbert E. Soper.

(21) Tables of Poisson's Experimental Binomial Limit. (*Biometrika*, vol. x. pp. 25–35.)

Dr. D. H. de Souza.

(22) The Measurements of the Pelvis with special Reference to Obstetric Prediction. (*Biometrika*, vol. ix. pp. 486–529.)

L. Isserlis.

(23) On the Fitting of Hypergeometrical Surfaces to Frequency Data. (At Press for *Phil. Mag.*)

(24) Formulæ for the Determination of the Capacity of the Negro Skull from External Measurements. (*Biometrika*, vol. x. pp. 188–192.)

LUCY WHITAKER.

(25) On Poisson's Law of Small Numbers. (*Biometrika*, vol. x. pp. 36–71.)

Department of Physics. (Professor F. T. Trouton.)

Dr. ALFRED W. PORTER.

(1) Exhibition of Box for the Mixture of Coloured Lights and the Production of Contrast Colours. (*Physiol. Soc.*, March 1914.)
(2) On an Inversion Point for Liquid Carbon Dioxide in regard to the Joule-Thomson effect. (*Roy. Soc. Proc.* A. vol. 89.)
(3) Presidential Address of the Röntgen Society. (*Journ. Röntg. Soc.* No. 38, vol. x.)
(4) On the Formation of Images by means of an Opaque Disk. (*Phil. Mag.*, April 1914.)
(5) On the Selection and Standardisation of X-rays. (*Röntg. Soc.* March 1914.)
(6) Exhibition of Szilard Portable Electrometer. (*Röntg. Soc.* March 1914.)
(7) Tables Annuelles Internationales de Constantes (Compressibilité, Thermodynamique, Diffusion, etc.)
(8) Die Physik in Grossbritannien, 1913. (*Internationale Monatschrift*, Oct. 1913.)

Dr. ALFRED W. PORTER and Dr. F. W. EDRIDGE-GREEN.

(9) Demonstration of the Negative After-Images of Spectral and Compound Colours of Known Composition. (*Physiol. Soc.* March 1914.)
(10) Negative After-Images and successive contrast with Pure Spectral Colours. (*Roy. Soc. Proc.* B. vol. 87.)

B. A. KEEN and Dr. ALFRED W. PORTER.

(11) On the Diffraction of Light by Particles comparable with the Wave-length. (*Roy. Soc. Proc.* A. vol. 89, 1914.)

E. TALBOT PARIS and Dr. ALFRED W. PORTER.

(12) An Experiment on Rotatory Polarisation in Liquids. (*Phil. Mag.* Jan. 1914.)

Dr. ALFRED W. PORTER and F. SIMEON.

(13) The Ratio of the Thermal Conductivities of Metals in the Liquid and Solid State. (Ready for publication.)

Mr. N. EUMORFOPOULOS.

(14) The Boiling-Point of Sulphur on the Thermodynamic Scale. (*Roy. Soc. Proc.* A. vol. 90.)

Dr. E. N. da C. Andrade.

(15) On the Stretching of Pure Metals and Alloys. (*Roy. Soc.*, May 1914.)

(16) Regular Surface Markings on Stretched Wires of Soft Metals. (*Phil. Mag.*, 1914.)

C. Cuthbertson and M. Cuthbertson.

(17) On the Refraction and Dispersion of Gaseous Nitrogen Peroxide. (*Proc. Roy. Soc.* A. vol. 89, 1913.)

F. Simeon.

(18) On the Viscosity of Calcium Chloride Solutions. (*Phil. Mag.*, Jan., 1914.)

Department of Chemistry. (Professors J. Norman Collie and F. G. Donnan.)

Professor J. Norman Collie and Hubert S. Patterson.

(1) The Presence of Neon in Hydrogen after the Passage of the Electric Discharge through the latter at Low Pressures. Part II. (*Trans. Chem. Soc.*)

Professor J. Norman Collie.

(2) On the Production of Neon and Helium in Vacuum Tubes under the Electric Discharge. (Friday Evening Lecture, the Royal Institution, Feb. 1914.) (*Proc. Roy. Inst.* 1914.)

Professor J. Norman Collie, Hubert S. Patterson, and Mr. I. Masson.

(3) The Production of Helium and Neon by the Electric Discharge. (Ready for publication.)

Professor J. Norman Collie and Mr. G. N. White.

(4) On some Benzpyranol Derivatives. (Ready for publication.)

Professor J. Norman Collie and F. Reynolds.

(5) On the Action of Phosphorus Pentachloride on Triethylphosphine Oxide. (Ready for publication.)

Professor J. Norman Collie.

(6) Note on Mr. Merton's paper "Attempts to prepare the Rare Gases by Electric Discharge." (Ready for publication.)

Professor F. G. Donnan and Dr. A. J. Allmand.

(7) Ionic Equilibria across Semi-Permeable Membranes. (Ready for publication.)

Dr. S. Smiles and Mr. W. Reeve.

(8) Thio-derivations of β-Napthylamine. (*Proc. Chem. Soc.*)

Dr. S. Smiles and C. G. Hutchison.

(9) Constitution of Thionyl-phenyl-hydrazine. (*Ber. Deut. Chem. Ges.*)
(10) Benzyl-mercaptal and Phenyl-thiopropionic Acetal. (*Ber. Deut. Chem. Ges.*)
(11) Nitro-naptha-sulphonium Quinone. (*Trans. Chem. Soc.*)

Dr. S. Smiles and B. N. Ghosh.

(12) Thio-derivations of Naptha-thioxin. (*Trans. Chem. Soc.*)
(13) Salts of Dinaptha-thioxonium. (*Trans. Chem. Soc.*)
(14) Nitration of Dinaptha-thioxin. (Ready for publication.)

The late Dr. C. R. Crymble.

(15) Absorption Spectra of Compounds of Phosphorus, Arsenic, Antimony, and Bismuth. (*Proc. Chem. Soc.*)
(16) Absorption Spectra of Mercury Compounds. (*Trans. Chem. Soc.*)

Dr. R. Wright.

(17) Absorption Spectra of Acids and their Salts. Part II. (*Trans. Chem. Soc.*)
(18) Absorption Spectra of Aqueous Solutions of Sulphurous Acid. (*Proc. Chem. Soc.*)
(19) Measurement of the Rate of Hydrolysis by Change in Volume. (*Proc. Chem. Soc.*)

Mr. G. N. White.

(20) Di-thio-benzoic Acid. (*Proc. Chem. Soc.*)

G. P. Crowden.

(21) Obtaining Oil and Gas from Bricks. (*Oil News*, May 1914.)

Dr. W. A. Caspari.

(22) The Composite Nature of Raw Indiarubber. (*Journ. Soc. Chem. Ind.* 1913, vol. xxxii. p. 1041.)
(23) The Osmotic Pressure and Constitution of certain Colloidal Solutions. (Ready for Publication.)
(24) India-Rubber Laboratory Practice. Macmillan, 1913.

Dr. H. T. Clarke.

(25) Introduction to Organic Chemistry. Longmans, 1914.

V. Lefebure.

(26) Absorption of Gases by Celluloid. (*Journ. Chem. Soc.* 1914, vol. cv. p. 329.)
(27) Die Absorption von Gasen durch Zelluloid. (*Kolloid-Zeitschrift*, 1914, vol. xiv. p. 258.)

Mr. I. Masson.

(28) Electrodeless Spectra of Hydrogen. (*Nature*, Dec. 11th, 1913.)
(29) The Occurrence of Neon in Vacuum Tubes containing Hydrogen. (*Proc. Chem. Soc.* 1913, vol. xxix. p. 233.

Dr. R. E. Slade.

(30) Studies of Ammonium Solutions. A Correction. (*Journ. Chem. Soc.* 1914, vol. cv. p. 1351.)

Dr. R. E. Slade and W. G. Polack.

(31) The Acidic and Colloidal Properties of Aluminium Hydroxide. (*Trans. Faraday Soc.* 1914.)

Department of Botany. (Professor F. W. Oliver.)

Dr. E. de Fraine.

(1) The Anatomy of the Genus *Salicornia*. (*Journ. Linn. Soc., Bot.* vol. xli. 1913, pp. 317–348, text-figs., pls. 15 & 16.)
(2) On *Medullosia centrofilis*, a new Species of *Medullosa* from the Lower Coal Measures. (*Ann. of Botany*, vol. xxviii. pp. 251–264, text-figs. & pl., 1914.)

Dr. W. E. Brenchley.

(3) On Branching Specimens of *Lyginodendron Oldhamium*. (*Linn. Journ., Bot.* vol. xli. 1913, pp. 349–356.

Professor F. W. Oliver and Mr. E. J. Salisbury.

(4) The Topography and Vegetation of Blakeney Point, Norfolk (*Norfolk & Norwich Nat. Soc. Trans.* vol. ix. pt. 4, pp. 485–543; 1 pl.) And reprinted.
(5) Vegetation and Mobile Ground, as illustated by *Suæda fruticosa* on Shingle. (*Journal of Ecology*, vol. i. pp. 249–272, text-figs. & 1 pl., 1913.)

Mr. E. J. Salisbury.

(6) On the Structure and Relationships of *Trigonocarpus Shorensis*, sp. nov., a new Seed from the Palæozoic Rocks. (*Ann. of Botany*, vol. xxviii. pp. 32–80, pls. iv. & v., 1914.

Dr. Marie C. Stopes.

(7) Palæobotany, its Past and its Future. (*Knowledge*, vol. xxxvii. 1914, pp. 15–24, 2 pls.)
(8) A new Araucarioxylon from New Zealand. (*Ann. of Botany*, vol. xxviii. pp. 341–350, 1 pl.)
(9) Catalogue of the Mesozoic Plants in the British Museum (Natural History): The Cretaceous Flora.—Part I. Bibliography, Algæ and Fungi. (Pp. 1–285, pls. i. & ii., 25 text-figs.).

Mr. T. G. Hill and Dr. E. de Fraine.

(10) On the Classification of Seed-Leaves. (*Ann. of Botany*, vol. xxviii. pp. 359–362.)

Mr. T. G. Hill and J. A. Hanley.

(11) The Structure and Water-Content of Shingle Beaches. (*Journ. of Ecology*, vol. ii. pp. 21–38.)

Lady Isabel Browne.

(12) A new Fern-like Stem described by Count Solms-Laubach. *New Phytol.*, vol. xiii. pp. 93–96.)

Wm. Rowan.

(13) Note on the Food-Plants of Rabbits on Blakeney Point, Norfolk. *Journ. of Ecology*, vol. i. pp. 273–74, 1 pl., 1913.)
(14) Some Observations on a Tern Colony. (*Knowledge*, vol. xxxvii. pp. 53 & 54, 1 pl., 1914.)

Wm. Rowan, Miss Katharine M. Parker, and Miss Julia Bell. (In conjunction with the Department of Applied Statistics.)

(15) On Homotyposis and allied Characters in Eggs of the Common Tern. (*Biometrika*, vol. x. 1914, pp. 144–168.)

Department of Zoology. (Professor J. P. Hill.)

Prof. J. T. Wilson and Prof. J. P. Hill.

(1) The Embryonic Area and so-called "Primitive Knot" in the Early Monotreme Egg. (Ready for the Press.)

Dr. C. H. O'Donoghue.

(2) A Table for Use in the Identification of Birds' Skulls. (*Zool. Anz.*, 1913.)
(3) Further Instances of the Persistence of Posterior Cardinal Veins in the Frog. (*Anat. Anz.*, 1913.)
(4) Ueber die Corpora lutea bei einigen Beuteltieren. (*Archiv. für Mikros. Anat.*, 1914.)
(5) The Venous System of the Dogfish, *Scyllium canicula*. (*Proc. Zool. Soc.*, 1914.)
(6) Reviews in *Science Progress*.

Mr. D. M. S. Watson.

(7) Notes on the Anomodont Brain-Case. (*Anat. Anz.*, Bd. 44, p. 211.)
(8) Further Notes on the Skull, Brain, and Organs of Special Sense of *Diademodon*. (*Ann. & Mag. Nat. Hist.*, ser. 8, vol. xii. p. 217.)
(9) *Micropholis stowi*, Huxley, a Temnospondylus Amphibian from S. Africa. (*Geol. Mag.*, n. s., dec. 5, vol. ix. p. 340.)

(10) *Batrachideŕpeton lineatum* Hancock & Atthey. (*Proc. Zool. Soc.* 1913, p. 949.)
(11) Notes on *Varanosaurus acutirostris*, Brioli. (*Ann. & Mag. Nat. Hist.*, ser. 8, vol. xiii. p. 297.)
(12) On the Skull of a Pariasaurian Reptile and on the Relationship of that Type. (*Proc. Zool. Soc.*, 1914, p. 155.)
(13) The Beaufort Beds of the Karroo System of South Africa. (*Geol. Mag.* n. s., dec. 5, vol. x. p. 388.)
(14) The Zones of the Beaufort Beds of the Karroo System in South Africa. (*Geol. Mag.*, n. s., dec. 6, vol. i. p. 203.

Wm. Rowan, Miss Katherine M. Parker, and Miss Julia Bell.

(15) On Homotyposis and Allied Characters in Eggs of the Common Tern. (*Biometrika*, vol. x. 1914.)

Department of Anatomy. (Professor G. D. Thane.)

Dr. D. E. Derry.

(1) A New Mylometer. (*Journal of Anatomy & Physiology*, July, 1914.)
(2) Parietal Perforation in an Ancient Egyptian. (*Journal of Anatomy & Physiology*, July, 1914.)
(3) Some Physical Characters of an Ancient Sudanese race. (*Proceedings of International Medical Congress*, London, Aug. 1913.)

Department of Physiology. (Professor E. H. Starling.)

Prof. E. H. Starling.

(1) Principles of Human Physiology. (Churchill, 1913.)

Prof. E. H. Starling and Dr. C. L. Evans.

(2) The part played by the Lungs in the Oxidative Processes of the Body. (*Journal of Physiology*, 1913.)

Prof. E. H. Starling and Dr. W. S. Patterson.

(3) The Carbohydrate Metabolism of the isolated Heart Lung preparation. (*Journal of Physiology*, 1913.)

Prof. E. H. Starling and Dr. J. Markwalder.

(4) A note on some factors which determine the blood-flow through the Coronary Circulation.
(5) On the Constancy of the Systolic output under varying Conditions. (*Journal of Physiology*, 1914.)

Prof. E. H. Starling and Dr. H. Fuhner.

(6) Experiments on the Pulmonary Circulation. (*Journal of Physiology*, 1913.)

Prof. W. M. Bayliss.

(7) The Nature of Enzyme Action. 3rd Edition. (Longmans Green & Co., 1914.)

(8) Researches on the Nature of Enzyme Action. III. The Synthetic Action of Enzymes. (*Journal of Physiology.*)

Dr. C. L. Evans.

(9) The Effect of Glucose on the Gaseous Metabolism of the isolated Mammalian Heart. (*Journal of Physiology*, 1914.)

Dr. C. L. Evans and Dr. S. Ogawa.

(10) The Effect of Adrenalin on the Gaseous Metabolism of the isolated Mammalian Heart. (*Journal of Physiology*, 1914.)

Dr. E. W. H. Cruickshank and Dr. S. W. Patterson.

(11) The Sugar Consumption in the surviving Normal and Diabetic Heart. (*Journal of Physiology*, 1913.)

Dr. E. W. H. Cruickshank.

(12) On the Production and Utilisation of Glycogen in Normal and Diabetic Animals. (*Journal of Physiology*, 1913.)

Dr. G. A. Buckmaster.

(13) The Behaviour of Blood with Hydrazin Hydrate. (*Journal of Physiology*, 1913.)

Dr. R. H. A. Plimmer.

(14) The Separation of Cystine and Tyrosine. (*Biochemical Journal*, 1913.)

Dr. R. H. A. Plimmer and Miss Ruth F. Skelton.

(15) The Quantitative Estimation of Urea, and indirectly of Allantoin, in Urine, by means of Urease. (*Biochemical Journal*, 1914.)

Dr. R. H. A. Plimmer and Elizabeth C. Eaves.

(16) The Estimation of Tyrosine in Proteins by Bromination. *Biochemical Journal*, 1913.)

Margery Stephenson.

(17) Some Esters of Palmitic Acid. (*Biochemical Journal*, 1913.)

Dr. E. W. Edridge-Green and Dr. A. W. Porter.

(18) Negative After-Images and Successive Contrast with Pure Spectral Colours. (*Proceedings of the Royal Society, B.*, 1913.)

Dr. F. W. Edridge-Green.

(19) The After-Images of Black and White on Coloured Surfaces. (*Journal of Physiology*, 1913.)
(20) Le Diagnostic de la Cécité pour les Couleurs envisagé du point de vue pratique. (*Annales d'oculistique*, 1914.)

Department of Pharmacology. (Professor A. R. Cushny.)

Professor A. R. Cushny and Dr. James A. Gunn.

(1) The Action of Serum on the Perfused Heart of the Rabbit. (*Journ. of Pharmacology*, v. p. 1.)

Dr. A. J. Clark.

(2) The Mode of Action of Strophanthin on Cardiac Tissue. (*Journ. of Pharmacology*, v. p. 216.)
(3) The Action of Dyes on the Isolated Frog's Auricle. (*Proc. Physiol. Soc.*, 1913.)
(4) The Action of Ions and Lipoids on the Frog's Heart. (*Journ. of Physiol.*, xlvii. p. 66.)

R. Farrant.

(5) Hyperthyroidism and its Experimental Production in Animals. (*Brit. Med. Journ.*, Nov., 1913.)
(6) The Relation of the Thyroid to Antitoxin. (*The Lancet*, Dec., 1913.)
(7) Pathological Changes in the Thyroid in Disease. (*Proc. Roy. Soc. of Medicine*, Feb., 1914.)

N. E. Condon.

(8) A Magnet-Tipper for recording Outflow. (*Proc. Phys. Soc.*, 1913.)

H. G. Barbour.

(9) Two Types of Periodic Respiration due to Morphine. (*Journ. of Pharmacology*, v. p. 393.)

Department of Public Health. (Professor H. Kenwood.)

Professor Kenwood.

(1) Public Health Laboratory Work, 6th edition.
(2) Annual Report, for the year 1913, as Medical Officer of Health and School Medical Officer to the Bedfordshire County Council.

(3) A Pure Milk-Supply. (*Journal of the Royal Sanitary Institute*, vol. 35, No. 1.)
(4) The Need for the Closer Linking-up of the School and the Home in the Hygienic interest of the School-child. (*Journal of State Medicine.*)
(5) The Educational Means of Promoting the Public Health (Opening to the Discussion in the State Medicine Section of the B.M.A.'s Meeting, Brighton). (*The Lancet*, September, 1913.)
(6) The Public Milk-Supply—a Public Health Criticism—a Chadwick Public Lecture. (*Medical Press and Circular*, No. 3917.)

Professor KENWOOD and EMILY L. DOVE.

(7) The Risks of Infection in Public Library Books. (Shortly to be published.)

Department of Mechanical Engineering. (Professor J. D. Cormack.

Professor J. D. CORMACK.

(1) A Combustion Chart for Coal and Oil Fuels; and a check on Flue, Exhaust, and Producer Gas Analysis. (*Institution Engineers & Shipbuilders, Scotland*, 1914.)

Mr. ERNEST H. SPRAGUE.

(2) Hydraulics, Scott Greenwood & Son, 1913.

Mr. O. R. WALKEY.

(3) Table of Galactic Co-ordinates. (*Royal Astronomical Society*, Monthly Notices, Jan. 1914.)
(4) The Sun's Position within the Star Sphere. (*Royal Astronomical Society*, Monthly Notices, May 1914.)
(5) The Sidereal Centre. (*Knowledge*, 1914.)

C. BŒKE.

(6) Over Breuk na Herhaalde Belasting (On Fracture after Repeated Loads). Rotterdam, W. L. & J. Brusse, 1914.

WILLIAM J. DUNCAN.

(7) Certain Graphical Methods in the Dynamics of Machinery. (About to be Published.)

Mr. A. H. BARKER.

(8) The Reading of a Thermometer, Public Lecture. (Full Report in Technical Press.)
(9) The Investigation of the Physical Condition of a Room. (*Proc. Inst. H. & V. E.*, 1913–14.)
(10) The Heating and Ventilation of Factories and Workshops. (*Proc. Inst. Foreman Engineers*, 1914.)
(11) The Hygiene of Heating and Ventilation. (Lecture to Sanitary Inspectors, Royal Sanitary Institute.)

(12) The Heating of Glass Houses. (Lecture to Essex Association of Market Gardeners v. Proc.)
(13) The Heating and Ventilation of the House of Commons. (Report of the Select Committee on Ventilation of the House, Blue Book.)

Mr. Barker and F. A. Eustace.

(14) Experiments on the Flow of Water in Pipes under low heads. (*Proc. Inst. H. & V. E.*)

Mr. Barker and C. L. Avery.

(15) Investigation on the Reading of a Thermometer in a Room. (*Proc. Inst. H. & V. E.*)

Mr. Barker, F. A. Eustace, and C. H. Avery.

(16) Experiments on the Loss of Heat from Buildings. (*Proc. Inst. H. & V. E.*)

Department of Electrical Engineering. (Professor J. A. Fleming.)

Professor J. A. Fleming.

(1) The Wonders of Wireless Telegraphy. (*S.P.C.K.*, 2nd edition.)
(2) Improvements in Long-Distance Telephony. (Royal Institution Discourse, Friday Evening, March 27th, 1914.)
(3) The Transmission of Alternating Currents along a Conductor. (Lecture before the Institution of Electrical Engineers, Manchester, April 28th.)
(4) The Predetermination of the Current and Voltage at the End of a Telephone line. (*Journ. Inst. Elect. Eng.* June 1914.)
(5) Atmospheric Refraction of Electromagnetic Waves. (*Proc. Phys. Soc. Lond.* June 1914.)
(6) Scientific Research in Telephony. (*The Times Engineering Supplement,* May 29, 1914.)
(7) An Experimental Method for the Production of Vibrations on Strings illustrating the Properties of Loaded and Unloaded Telephone Cables. (*Proc. Phys. Soc. Lond.* Dec. 1913.)

Assistant-Professor W. C. Clinton.

(8) A Comparison of Estimated and Observed Values of Illumination in some Lighting Installations. (*Proc. Illuminating Engineering Society,* March 17, 1914.)

Mr. P. R. Coursey.

(9) Recent Advances in Portable Wireless Apparatus. (*Inst. Elect. Eng. Lond.* Jan. 28, 1914.)
(10) Some Characteristic Curves and Sensitiveness Tests of Crystal and other Detectors. (*Proc. Phys .Soc. Lond.* vol. 26, Feb. 1914.)

G. E. Bairsto.

(11) Some Experiments on Tin-foil Contact with Dielectrics. (*Proc. Phys. Soc. Lond.* vol. 25, 1913.)

APPENDIX II.

Geographical Distribution of Students (1913–14).

	Day.	*Postgraduate and Research.*	*Evening.*	*Total.*
London	529	235	526	1290
30 Miles Radius..	140	62	23	225
United Kingdom .	272	73	20	365
Australia	6	6	—	12
Canada	2	3	—	5
Ceylon	15	—	—	15
Egypt	20	5	—	25
Hong Kong	1	—	—	1
India	49	22	—	71
Mauritius	3	—	—	3
New Zealand	3	—	—	3
South Africa	19	1	—	20
West Indies	6	1	—	7
Austria	2	3	—	5
Belgium	1	—	—	1
China	10	1	1	12
Denmark	1	—	1	2
France	12	2	1	15
Germany	25	12	12	49
Holland	—	—	1	1
Hungary	—	1	1	2
Italy	4	—	2	6
Japan	2	1	2	5
Norway	1	—	—	1
Persia	1	—	—	1
Portugal	3	—	—	3
Poland	1	—	—	1
Roumania	1	—	—	1
Russia	7	2	2	11
South America ..	10	1	4	15
Spain	2	1	1	4
Sweden	1	—	—	1
Switzerland	2	3	—	5
Syria	1	—	—	1
Turkey	1	—	—	1
U. S. A.	13	6	2	21
Grand Total				2206

APPENDIX III.

GRANTS (1913–14).

	£	s.	d.
Treasury (General Grant)	16,000	0	0
Board of Education (Professional Education)	3,325	6	8
Board of Education (Superannuation and Pension Fund)	950	0	0
India Office	300	0	0
London County Council through the University:			
Chemistry, German, &c. £3,600 0 0			
Electrical Engineering 600 0 0			
Heating and Ventilating Engineering 300 0 0			
Lectures for Teachers 316 0 0			
Libraries 450 0 0			
Schools of History and Phonetics 680 0 0			
	5,946	0	0
Surrey County Council	50	0	0
	£26,571	6	8

SUBSCRIPTIONS AND DONATIONS (1913–14).

	£	s.	d.
Anonymous for Entrance Scholarship in Classics	*90	0	0
Ditto „ Page-May Lectures	*52	10	0
Mr. Walter Baily	10	0	0
Professor W. M. Bayliss	10	0	0
Rev. C. E. R. Brocklebank	*25	0	0
Professor Fredk. Brown	*42	5	7
Professor F. G. Donnan	*11	14	4
Fellow of the College—for Engineering Scholarship	*36	15	0
Professor G. Carey Foster	5	0	0
Dr. T. Gregory Foster	*17	10	9
Dr. A. Gairdiner	*10	0	0
Professor E. J. Garwood	*2	2	0
Professor V. Harley	*50	0	0
Mr. C. Hawksley	*100	0	0
Professor J. P. Hill	*1	1	0
Institution of Heating and Ventilating Engineers	*23	2	0
Sir William Lever, Bart.	10	0	0
Sir John Macdonell	*22	0	0
Carried forward	519	0	8

* For special purposes.

	£	s.	d.
Brought forward	519	0	8
Mr. A. J. Macgregor	*100	0	0
Mr. G. B. Mathews	*5	0	0
Member of the College Committee	*25	0	0
Mr. H. Oppenheimer.....	*20	0	0
Professor W. M. F. Petrie	*9	15	0
Mr. C. Read	*5	0	0
Sir I. Spielmann	3	3	0
Professor E. H. Starling	*55	0	0
Sir H. Thompson, Bart.	*5	5	0
Professor and Mrs. F. T. Trouton	*514	8	0
Mr. E. Waterhouse	5	5	0
Mr. T. Wilson	3	3	0
Carpenters' Company (Architecture)	*300	0	0
Crabb Robinson Trustees	*219	5	0
Rhodes Trustees	*100	0	0
Institution of Heating and Ventilating Engineers ..	*100	0	0
Drapers' Company (Applied Statistics):			
Balance b. f. Session 1912–13 .... £439 17 7			
Income, Session 1913–14 ..... 617 3 2			
	*1,057	0	9
	3,046	5	5
Amount transferred from Suspense Account ..	342	1	3
	3,388	6	8
Less Amounts for expenditure in 1914–15.....	1,156	17	4
	£2,231	9	4

SUBSCRIPTIONS AND DONATIONS

promised and paid for the Current Session.

	£	s.	d.
Professor J. D. Cormack	*55	0	0
Professor F. G. Donnan	*50	0	0
Professor W. M. Bayliss	10	0	0
	40	0	0
Mrs. J. R. Green	*25	0	0
Sir William Lever, Bart.	10	0	0
	50	0	0
Sir Isidore Spielmann	3	3	0
Mr. Thomas Wilson	3	3	0
Mr. Walter Baily	10	0	0
Professor Vaughan Harley	*16	9	8
Professor F. T. Trouton	*100	0	0
	148	6	8
	521	2	4
Brought forward from Session 1913–14	1,156	17	4
	£1,677	19	8

* For special purposes.

APPENDIX IV.

DONATIONS TO THE LIBRARIES DURING THE YEAR ENDING DECEMBER 31st, 1914.

Those donors marked "*M.*" have presented the volumes mentioned to the Mocatta Library.

	Vols.	Pmph.
Academia Polytechnica, Oporto ..	0	3
Académie royale de Belgique	2	4
Academy of Natural Sciences, Philadelphia	1	0
Accademia Pontaniana, Naples ..	1	0
Adelaide Public Library	2	0
Admiralty, Lords Commissioners of the	2	0
"Agricultural Economist," Publishers of	1	0
Agricultural Research Institute, Pusa	2	0
Alberta, Department of Agriculture	1	0
Allegheny Observatory	0	7
American Academy of Arts and Sciences	1	0
,, Climatological Association	1	0
,, Geographical Society.	1	0
,, Museum of Natural History	2	0
,, PhilologicalAssociation	1	0
,, Philosophical Society .	1	0
,, Society of Civil Engineers	1	0
Aristotelian Society	1	0
Armstrong College, Newcastle ..	1	0
Astronomer Royal, England and Wales	3	1
"Athenæum," Publishers of	2	0
Australia, Government of	1	1
Australian Museum, Sydney	0	4
Australasian Institute of Mining Engineers	3	0
Belfast Naturalists' Field Club ..	0	1
Bibliotheca Nazionale Centrale, Florence	1	1
Birkbeck College	1	0
Birmingham and Midland Institute	0	1
Black, Dr. G. F.	1	0
Board of Agriculture	2	3
,, Trade	5	0
Botez, Prof. I.	1	0
British Association	1	0
,, Astronomical Association .	1	0
,, Museum	7	1
Brompton Hospital for Consumption	1	0
Bureau of Labour, Washington .	1	0
,, Standards, Washington	2	0
Butler, Prof. H. E.	11	0
California Academy of Sciences ..	0	3
Cambridge Philological Society ..	0	2
,, Philosophical Society .	1	1
,, University Press	1	0
Canada, Dept. of Marine & Fisheries	2	0
,, Department of Mines ..	7	2
Canadian Institute	0	1
Canterbury Museum, N.Z.	0	1
Cape Observatory	0	1
Carnegie Endowment for International Peace	1	0
,, Foundation for the Advancement of Teaching	1	0
,, Institution of Washington	24	4
,, Trust for the Universities of Scotland.....	1	0
Carpenter, Dr. C.	1	0
M. Central Conference of American Rabbis	1	0
Chambers, Dr. R. W.	9	1
Chemical Society	4	0
Chester Society of Natural Science	0	1
China, Government of	4	0
City and Guilds of London Institute	1	0
Classical Association of Ireland ..	6	0
College of Preceptors	1	0
,, Science, Japan	2	0
"Colliery Guardian," Publishers of	2	0
Colombo Museum	0	2
Comité géologique, Petrograd ..	4	3
Congress of American Physicians and Surgeons	1	0
Cotteswold Naturalists' Field Club	0	1
Crown Agents for the Colonies ..	4	0
Croydon Natural History Society.	0	6
Cushny, Prof. A. R.	2	0
Dansk Geologisk Forening	0	1
Davenport Academy of Sciences..	0	1
Deptford, Borough of	1	0
East India Association	2	0
,, London College	1	0
"Education," Publishers of	2	0
"Electrical Engineering," Publishers of	1	0
Engineering Standards Committee	0	4
Engineers' Society of Western Pennsylvania	1	0
Essex Field Club	0	3
Eumorfopoulos, N	18	0
Farai, E.	1	0
Field Museum of Natural History, Chicago.....	0	6
Formosa, Government of	1	0
Foster, Dr. T. G.	0	1
Foxwell, Dr. A. K.	2	0
Franklin Institute, Philadelphia .	2	0
Fried, Dr. A. H.....	0	7

	Vols.	Pmph.
Garuner, Prof. E. A.	2	1
Garrod, Mrs.	1	0
Garwood, Prof. E. J.	1	0
Geographical Association	1	0
Geological Society of America	1	0
,, ,, Glasgow	0	1
,, ,, London	1	2
,, ,, South Africa	0	4
,, Survey of Great Britain	6	0
,, ,, India	1	5
,, ,, Iowa	2	0
,, ,, Ireland	0	2
,, ,, Kansas	0	1
,, ,, the United States	16	49
,, ,, Western Australia	0	9
Geologiska Föreningen, Stockholm	1	0
Geologists' Association	2	0
Germany, Imperial Government of	65	0
"Gibb Memorial," Trustees	2	0
Hardman, Executors of Mrs.	1	0
Harvard University	2	0
Haward, F. N.	0	1
Heriot-Watt College, Edinburgh	1	0
Hertfordshire Natural History Society	1	0
Hill, Prof. M. J. M.	1	1
M. Hirsch, A.	1	0
Holst, N. O.	0	1
Hoskier, H. C.	2	0
House of Lords	1	0
Hurry, Dr. J. B.	1	0
Husbands, Miss H. W.	0	1
Hutton, Miss C. A.	0	1
Ilford Urban District Council	1	0
"Illuminating Engineer," Publishers of the	1	0
Imperial Academy, Tokyo	0	1
,, College of Science, London	1	0
Incorporated Association of Assistant Masters	1	0
,, Society of Authors	1	0
India, Government of	8	3
,, Office	2	3
Institut botanique Léo Errara	1	0
,, de France	1	0
Institute of Bankers	1	0
,, Chemistry	3	1
,, Marine Engineers	1	0
Institution of Civil Engineers	4	1
,, Electrical Engineers	2	0
,, Engineers and Shipbuilders in Scotland	1	0
,, Mechanical Engineers	2	1
,, Naval Architects	3	0
Iron and Steel Institute	3	1
Japan, Government of	2	0
M. Jewish Chautauqua Society, Philadelphia	11	5
M. ,, Literary and Debating Society, Sydney	1	0
John Rylands Library, Manchester	0	2
Johns Hopkins Hospital, Baltimore	1	0
,, ,, University, Baltimore	0	7
Junior Institution of Engineers	1	0
K. Akademie der Wissenschaften, Vienna	3	2
K.-K. Central Anstalt für Meteorologie, Vienna	1	0
K.-K. Geologische Reichsanstalt, Vienna	0	11
K.-K. Naturhist. Hof-Museum, Vienna	0	1
Ker, Prof. W. P.	15	0
King's College, London	1	0
Kodaikanal Observatory	3	0
Kon. Natuurkundige Vereeniging in Nederl.-Indië	1	0
Kon. Nederlandsch-Meteorol. Instituut, Utrecht	0	3
Kung-Svenska Vetenskapsakademien, Stockholm	1	1
Lantoine, Mlle.	1	0
Leathersellers Company Technical College	1	0
Ledger, W. E.	1	0
Leeds Geological Association	1	0
,, Public Library	0	1
Leicester Lit. & Phil. Society	1	1
Library of Congress, U.S.A.	6	2
Liverpool Geological Society	0	2
"London Architect & Builder," Publishers of	1	0
London, Corporation of	1	0
,, County Council	2	0
,, Mathematical Society	1	0
,, School of Economics	1	0
Macdonald, Miss Louisa	0	1
McGill University, Montreal	1	0
Macmillan & Co., Messrs.	2	1
Madras, Government of	5	0
Manchester Geological Society	0	6
,, Lit. & Phil. Society	1	0
,, Statistical Society	1	0
,, Steam Users' Association	0	2
Marconi Wireless Telegraph Co., Ltd.	3	0
Marine Biological Association, Plymouth	2	2
Marks, Miss C. I.	2	0
Mathematical Association	0	1
Merchant Venturers' Technical College, Bristol	1	0
Meteorological Committee	2	0
,, Office	2	6
Metropolitan Asylums Board	1	0
Meyer, Prof. Kuno	0	6
Michigan Academy of Science	0	1
,, College of Mines	1	0
Middle Temple, Society of the	3	0
Ministère de l'Instruction Publique, France	2	0
"Model Engineer and Electrician," Publishers of the	3	0
Municipal School of Technology, Manchester	1	0
Murison, Prof. A. F.	5	0
Natal Government Museum	0	1
National Library of Wales	0	2
,, Physical Laboratory, Teddington	2	0
Neill, Prof. J. W.	20	0
Newcastle-upon-Tyne Public Library	1	1
New South Wales, Government of	2	1
,, York Academy of Sciences	1	0
,, ,, Education Department	1	0
,, Zealand, Government of	1	2
Nigeria, Government of	5	0
North of England Institute of Mining Engineers	1	0

	Vols.	Pmph.
Northampton Polytechnic Institute, London	1	0
Nottingham, Borough of	6	0
Observatoire Central Nicolas, Pulkowo	4	0
,, Royale de Belgique	1	2
Observatory of Batavia	2	0
,, Bombay	1	0
Office national des Universités et Écoles françaises	1	0
Osaka Library	0	1
Oxford University Observatory	2	0
Parkin, J. S.	24	0
Patent Office Library	2	24
Pearson, Prof. K.	7	5
Peterhouse, Cambridge	0	1
Petrie, Prof. W. M. F.	1	0
Pharmaceutical Society	1	0
Philological Society	2	3
Physical Society	2	1
Physikal. techn. Reichsanstalt, Berlin	0	1
Pinches, Dr. T. G.	0	1
Platt, Prof. J. A.	1	0
Pollard, Prof. A. F.	2	0
Priebsch, Prof. R. C.	0	1
Prothero, Dr. G. W.	0	1
Queen's University, Kingston, Ont.	1	0
Queensland Museum	1	0
Quekett Microscopical Club	0	2
Ramsay, Sir W.	94	40
R. Academia de Ciencias, Madrid.	1	0
,, Accademia dei Lincei, Rome.	6	1
,, ,, delle Scienze, Turin.	4	0
,, Instituto bacteriologico Camara Pestana, Lisbon	0	1
,, Scuola d'Applicazione, Rome	0	1
Reay, Rt. Hon. Lord	40	220
Registrar of Births, Deaths, and Marriages, Dublin	3	0
Reid, C.	0	1
Research Laboratory, New York.	1	0
Robertson, Prof. J. G.	8	5
Rockefeller Institute for Medical Research	1	0
Röntgen Society	1	0
Rotton, Sir John F.	122	7
Royal Aero Club	1	0
,, Alfred Observatory, Mauritius	2	0
,, Anthropological Institute	2	3
,, Astronomical Society	1	3
,, Botanical Gardens, Kew	3	0
,, College of Surgeons of England	1	0
,, Colonial Institute	5	0
,, Dublin Society	1	0
,, Engineers Institute, Chatham	2	0
,, Free Hospital School of Medicine	1	0
,, Geographical Society of Australasia	0	1
,, Geological Society of Cornwall	0	1
M. ,, Historical Society	1	0
,, Institute of British Architects	2	0
,, Irish Academy	5	0
,, Meteorological Society	1	0
,, Microscopical Society	1	0
,, Philosophical Society of Glasgow	1	0

	Vols.	Pmph.
Royal Physical Society of Edinburgh	0	2
,, Sanitary Institute	1	0
,, Scottish Geographical Society	1	0
,, Society of Arts	1	0
,, ,, Canada	3	0
,, ,, Edinburgh	2	3
,, ,, Literature	0	3
,, ,, London	8	4
,, ,, Victoria	0	1
,, Statistical Society	1	0
,, Technical College, Glasgow	2	1
,, United Service Institution	2	0
Rudler, Prof. G.	1	0
Sanskrit College, Benares	0	2
Sanson, V.	2	0
Saskatchewan, Department of Agriculture	1	0
School of Medicine, Edinburgh	1	0
Senckenbergische naturforschende Gesellschaft, Frankfurt	1	0
Seton, W. W.	0	3
Sheffield Public Library	1	0
Silberstein, L.	2	0
Sir John Cass Technical Institute.	1	0
Smith, Prof. R. Elsey	0	1
Smithsonian Institution, Washington	9	6
Sociedad Cientifica "Antonio Alzate," Mexico	2	0
Società geografica Italiana	2	0
,, reale, Naples	1	0
Société de Géographie, Paris	2	0
,, ,, physique, Geneva	1	0
,, des Sciences, Bucharest	1	3
,, géologique de France	1	0
,, impériale des Naturalistes, Petrograd	0	13
,, linnéenne de Bordeaux	1	3
,, ,, Normandie	3	0
,, scientifique, Warsaw	2	0
Society for Experimental Biology.	1	0
,, of Antiquaries	2	0
,, Chemical Industry	1	0
,, Engineers	1	0
Somersetshire Archæological Society	1	0
South Wales Institute of Engineers	1	2
,, Western Polytechnic Institute	1	0
Spearing, H. G.	2	0
Spiers, R. Phené	6	0
Steel, R. R.	4	0
Stevens, P. P.	1	0
Stonyhurst College	0	1
Strang, W.	0	1
Strong, Mrs. S. A.	1	0
Swan, Lady	46	50
Swansea Technical College	1	0
Sydney Technical College	1	0
Thomas, P. V.	2	0
Tillett, A. W.	0	1
Thompson, Prof. S.	1	0
Tôhoku Imperial University	1	0
Tokyo Zoological Society	0	2
Transvaal Museum	0	2
Treasury, Lords Commissioners of the	4	0
Tufts College, Mass.	0	2
M. Union of Jewish Literary Societies.	1	0
United States, Department of Agriculture.	2	1

	Vols.	Pmph.
United States, Department of Commerce .	2	0
,, ,, Naval Observatory.	2	0
,, ,, Surgeon-General .	1	0
M. ,, Synagogue	2	0
University Club, New York.....	2	0
,, College, Dublin	1	0
,, ,, Exeter	1	0
,, ,, London, Hospital Medical School	1	0
,, ,, London, Chemical & Physical Society	4	0
,, ,, London, Mathematical & Physical Society .	1	0
,, ,, London, Union Society.....	4	8
,, ,, of South Wales	1	0
,, ,, Reading.....	1	0
,, Correspondence College	2	0
,, of Aberdeen	2	3
,, Adelaide	1	0
,, Birmingham	1	0
,, Bristol	1	0
,, California.....	10	0
,, Chicago	1	0
,, Coimbra	1	6
,, Durham	2	0
,, Edinburgh	1	0
,, Geneva	1	0
,, Glasgow	1	0
,, Göttingen	1	3
,, Groningen	1	0
,, Havana	3	1
,, Illinois	2	0
,, Jena	1	1
University of Kiel	0	1
,, Kyoto	1	0
,, Leeds	1	0
,, Liverpool.....	1	0
,, Madras	3	0
,, Madrid.....	1	2
,, Manchester	1	1
,, Melbourne	2	0
,, Minnesota	2	3
,, Nebraska.....	1	18
,, Padua	1	0
,, Pennsylvania	0	4
,, Princeton.....	1	0
,, St. Andrews.....	2	0
,, Sheffield	2	0
,, Sydney	1	0
,, Texas	1	0
,, the Panjab	2	0
,, Toronto	0	3
,, Upsala	0	1
,, Utrecht	1	0
,, Virginia	0	1
M. Vereinigung für das liberale Judentum in Deutschland.....	0	7
Videnskabs - Selskabet, Copenhagen.....	1	0
Walford, E. A.	2	0
Welsch, J.	0	2
Whitaker, W.....	1	1
Wilson Ornithological Club.....	0	3
Woolley, C.	2	0
Worcester Polytechnic Institute, Mass.	1	0
Yorkshire Geological Society	0	1
,, Naturalists' Union	1	0
,, Philosophical Society..	1	0
M. "Zionist," Publishers of the	3	6
Zoological Society	1	7

APPENDIX V.

Return of Attendances of the Members of the College Committee from 3rd February, 1914, to 31st January, 1915.

Members of College Committee.	Attendances.		
	College Committee. 10 Meetings	Managing Sub-Committee. 9 Meetings.	Special Sub-Committees.
Chairman (Lord Reay)	3	—	1
Vice-Chairman (Sir Edward Busk)	10	—	9
Treasurer (Mr. F. V. Schuster) *.	4	6	9
Principal (Sir Henry A. Miers) *.	5	8	12
Provost (Dr. T. Gregory Foster) *.	10	9	33
Mr. Walter Baily *	3	5	4
Dr. J. Bourne Benson *	5	5	7
Prof. Sir John R. Bradford	0	—	—
Prof. J. N. Collie *	3	3	4
Dr. G. Carey Foster *	7	8	14
Prof. E. A. Gardner *	8	8	3
Prof. E. J. Garwood *.....	6	4	—
Miss Margaret A. Gilliland *....	7	6	3
Sir A. Pearce Gould	5	—	1
The Hon. Rupert Guinness*	0	0	1
Mr. C. Hawksley	5	—	4
The Rt. Hon. Lord Herschell * ..	1	1	0
Mr. H. Keene	8	8	12
Dr. T. Lambert Mears *	7	3	3
Mr. W. E. Mullins *	2	4	1
Prof. A. F. Murison *	8	6	1
Mr. C. Fellows Pearson	5	—	0
Prof. E. H. Starling.....	2	—	0
Mr. A. T. Taylor *	5	6	7

* Member of Managing Sub-Committee.

APPENDIX VI.

AUDITOR'S REPORT.

To the Senate of the
University of London. *January 1st*, 1915.

GENTLEMEN,

Having audited the accounts of the University College, with the books, accounts and vouchers, for the year ended August 31, 1914, I have to report as follows:—

The accounts presented consist of:—

1. *College Establishment Income and Expenditure Account.*
2. *College Trust Funds Income and Expenditure Account.*
3. *General Balance Sheet of the College.*
4. *Pension Fund Balance Sheet.*
5. *Trust Funds Balance Sheet (including Schedule of Invested Funds).*

1. COLLEGE ESTABLISHMENT INCOME AND EXPENDITURE ACCOUNT:

You will see that the result of the year's working (after including debtors and creditors) shows an Income of £71,567 17*s.* 0*d.* (as against £66,694 2*s.* 8*d.* last year) and an Expenditure of £71,260 2*s.* 3*d.* (as against £66,867 13*s.* 0*d.* last year), an excess of Working Income over Expenditure of £307 14*s.* 9*d.* (as against an excess of Expenditure over Income of £173 10*s.* 4*d.* last year). It will be seen that, with the view of comparison, the previous year's figures have been inserted: this renders it unnecessary for me to refer here to the comparison in any detail.

2. COLLEGE TRUST FUNDS INCOME AND EXPENDITURE ACCOUNT:

As last year, not only the Receipts of the various Trusts, but the amount of Income available (after adjusting the previous year's balances) for employment in the year, has been shown. It will be seen that the Income was, Receipts £12,073 18*s.* 6*d.* (£9,026 5*s.* 7*d.* in 1912–13), increased by the addition of the initial balances to £13,400 0*s.* 6*d.* (£10,379 6*s.* 0*d.* in 1912–13); while the Expenditure was £11,475 12*s.* 0*d.* (£9,053 4*s.* 0*d.* in 1912–13), leaving the balance to be carried forward £1,924 8*s.* 6*d.* (£1,326 2*s.* 0*d.* in 1912 13). The increase in the figures of both Income and Expenditure arises from the Galton Trust Fund now being administered by the College.

3. General Balance Sheet of the College:

On the debit (or "Liabilities and Capital") side of the Balance Sheet, you will find:—

	£	s.	d.
College General Capital Account (including £66,301 1*s.* 5*d.* received from the Equipment and Endowment Executive Committee, and Lady Goldsmid's Fund, £3,053 11*s.* 1*d.*).			
As per last Balance Sheet .. £232,364 15 11			
Egyptology Collection 5,850 0 0			
Pharmacology Institute (1913–14) 115 0 7			
	238,329	16	6
College Establishment Income and Expenditure Account	1,292	7	4
Trust Funds Revenue Account	1,924	8	6
Loans from Bankers	8,750	0	0
Sundry Creditors	2,256	10	1
Outstanding Accounts and Unexpended Balances..	6,917	15	9
Total.....	£259,470	18	2

While on the credit (or "Assets") side, we have:

	£	s.	d.
College, Freehold Land, Buildings, Furniture, Library, &c. (approximate valuation of August 31, 1897) £186,000 0 0			
Egyptology Collection 5,850 0 0			
Physiology Institute 21,842 14 10			
Pharmacology Institute 5,544 19 3			
	219,237	14	1
Suspense Account, Sculpture Studios.....	43	19	9
College Investmests (at cost):			
Maintenance Fund £14,017 4 3			
Lady Goldsmid Fund .. 3,053 11 1			
	17,070	15	4
Gower Street Houses (at cost)	4,500	0	0
Refectory Department, Plant &c. (as last year)	422	4	10
Electric Re-wiring and Heating (cost)	2,789	18	11
Purchase of All Saints' Church	6,075	13	1
Purchase of "Hawarden Castle"	2,253	14	5
Architecture Equipment Account	609	8	0
Equipment and Endowment Account (Loan)	1,984	16	5
Sundry Outstanding Accounts	598	19	3
Special Suspense Account	692	7	9
Deposit with Bankers	2,454	14	7
Cash at Bank (Current Account), in transit and in hand	736	11	9
Total.....	£259,470	18	2

The only item to which I need refer is the "Special Suspense Account £692 7*s.* 9*d.*" This sum represents a deficiency of cash in the Accountant's Department, upon which I reported to the College Managing Sub-Committee on November 23, 1914. The amount is in suspense pending a settlement with the Insurance Company under Guarantees given by them.

4. Pension Fund Balance Sheet:

As last year, while detailed accounts have been prepared for the "Committee of Administration of the Pension Fund," it has been thought only necessary to include in the College Accounts presented to you the Balance Sheet of the Fund as on August 31, 1914. From this you will see that the total net contributions (one moiety Beneficiaries' and one moiety College) to August 31, 1914, amounted to £8,548 11*s.* 4*d.*, while the interest credited on this sum was £203 10*s.* 10*d.*—together £8,752 2*s.* 2*d.*, less payments to Professor J. D. Cormack's Contribution Account £596 17*s.* 2*d.* left £8,155 5*s.* 0*d.* The amount at credit of the Augmentation Fund is £124 10*s.* 2*d.* The College appears as a creditor for £30 5*s.* 0*d.* The total liabilities were £8,310 0*s.* 2*d.*, which amount was in the hands of the Commercial Union Assurance Co. on August 31, 1914, representing:—

The Beneficiaries Accounts	£8,155	5	0
Augmentation Account	124	10	2
Total Fund.....	£8,279	15	2
Creditors	30	5	0
	£8,310	0	2

5. Trust Funds Balance Sheet (including a Schedule of Invested Funds):

On the debit (or "Liabilities and Capital") side of the Balance Sheet, you will find:—

	£	*s.*	*d.*
College Trust Funds Capital Account (including the Galton Fund)	329,559	3	1
Do. do. Revenue Account	1,924	8	6
	£331,483	11	7

While on the credit (or "Assets") side, we have :—

	£	*s.*	*d.*
Investments at cost	329,559	3	1
Amount owing by the College (Trust Income in hand)	1,924	8	6
	£331,483	11	7

I am, Gentlemen,

Yours faithfully,

(Sgd.) G. WALTER KNOX, B.Sc., F.C.A.,
Auditor to the University.

Finsbury Circus,
London, E.C.

APPENDIX VII.

UNIVERSITY OF LONDON, UNIVERSITY COLLEGE.

ACCOUNTS

For the year ended August 31st, 1914.

College Establishment—Income and Expenditure.

College Trust Funds—Income and Expenditure.

General Balance Sheet.

Pension Fund Balance Sheet.

Trust Funds Balance Sheet.

EXPENDITURE.	1913–14. £ s. d.	£ s. d.	1912–13. £ s. d.
To **Administration:—**			
Salaries of Administrative Officers and Clerical Staff	4,030 15 2		
Advertising	372 4 6		
Printing and Stationery	1,313 6 7		
Auditor's Fee	31 10 0		
Other expenses of Administration, Postages, etc.	538 17 8		
		6,286 13 11	5,720 13 7
To **Alteration of Buildings:—**			1,000 0 0
To **Maintenance Charges:—**			
Rates, Taxes, and Insurance	2,547 2 4		
Heating, Lighting, and Water	2,192 2 4		
Ordinary Repairs and General Maintenance of Buildings	3,894 4 4		
Wages of Porters and Attendants	2,298 16 10		
Furniture	95 4 1		
Grounds	82 0 9		
Household Stores	182 6 7		
Athletic Grounds	125 0 0		
		11,416 17 3	10,256 0 4
		17,703 11 2	16,976 13 11
To **Remuneration of Teachers and Expenditure on Laboratories, Libraries, etc.**			
Salaries of Professors and Readers	26,815 13 8		
Salaries of Lecturers and Assistants	11,459 17 4		
Museum and Laboratory Attendants	2,228 12 7		
Departmental Apparatus Grants	4,090 10 6*		
Librarian and Library Staff	1,008 10 3		
Libraries	1,392 4 0		
		46,995 8 4	43,608 9 1
To **College Contribution to Pension Fund**		696 10 0	724 16 8
Servant's Pensions		78 10 0	
To **Scholarships, Exhibitions and Prizes:—**			
From Endowments	1,400 19 5		
From Sources other than Endowments	576 19 2		
		1,977 18 7	2,013 8 4
To **Other Expenditure:—**			
Examinations: Fees to Examiners	40 19 0		
Rents and other payments for use of buildings, etc.	217 6 10		
Interest on Loan from Bank	38 12 1		
Payments to other Colleges	1,426 14 1		
Payments to Union Societies	1,120 16 0		
Sculpture Studios	100 0 0		
Law Expenses	6 4 4		
Miscellaneous	17 16 9		
		2,968 9 1	2,885 9 0
Trust Funds Dividends Invested		463 12 10	658 16 0
Trust Funds transferred to Galton Appeal Fund		376 2 3	
		71,260 2 3	
To **Balance** carried down, being excess of Income over Expenditure for the Year		307 14 9	
		£71,567 17 0	£66,867 13 0
To **Balance** carried down			1,292 7 4

INCOME.

	£ s. d.	£ s. d.	1913-14. £ s. d.	1912-13. £ s. d.
28:—				
General (including £1,458 10*s.* 5*d.* for Intercollegiate Teaching)		28,426 16 11		
Registration and Examination	.....	283 18 6		
			28,710 15 5	26,227 6 6
ctical Anatomy Dissection Fees:—				
Balance brought forward from Session 1912-13	.....	378 12 8		
Received, Session 1913-14	.....	140 14 0		
		519 6 8		
Less Balance carried forward to Session 1914-15	.....	474 6 1		
			45 0 7	39 6 9
dowments (Trust Funds):—				
Appropriated for Salaries of Professors and other Teachers	.....	6,831 8 7		
Appropriated for Scholarships and Prizes	.....	1,400 19 5		
Appropriated for purposes other than the above	.....	2,424 13 9		
Appropriated for Transfer to Capital	.....	463 12 10		
Appropriated for Transfer to Galton Appeal Fund	.....	376 2 3		
			11,496 16 10	9,053 4 0
nations and Subscriptions:—				
From Private Individuals	.....	978 9 6		
Benington Research Studentship	50 0 0			
Less amount carried forward to Session 1914-15	50 0 0			
		.....		
From Bodies:—				
Carpenters' Company (Architecture):—	.....	300 0 0		
Crabb Robinson Trustees	219 5 0			
Less amount carried forward to Session 1914-15	30 0 0			
		189 5 0		
Drapers' Company (Applied Statistics):—				
Balance brought forward from Session 1912-13	439 17 7			
Received, Session 1913-1914 (including £188 16*s.* 8*d.* for Sale of Memoirs and £28 6*s.* 6*d.* accrued Interest)	617 3 2			
	1,057 0 9			
Less Balance carried forward to Session 1914-15	493 5 11	563 14 10		
Institution of Heating & Ventilating Engineers	.....	100 0 0		
Rhodes Trustees	.....	100 0 0		
			2,231 9 4	3,019 15 10
ants from Local Authorities:—				
London County Council	925 8 0			
Less amount included in Fees	£888 6 0			
Examination Fees	15 0 0			
Apparatus Charges	22 2 0			
	925 8 0	.....		
London County Council (University Account):—				
Heating and Ventilating Engineering	.....	300 0 0		
Schools of History and Phonetics	.....	680 0 0		
Lectures for Teachers	.....	316 0 0		
Chemistry, German, and Physiology	.....	3,600 0 0		
Electrical Engineering	.....	600 0 0		
Libraries				
Balance brought forward from Session 1912-13	151 4 4			
Received, Session 1913-14	450 0 0			
	601 4 4			
Less Balance carried forward to Session 1914-15	1 13 3	599 11 1		
Surrey County Council	.....	50 0 0		
			6,145 11 1	6,465 19 8
liamentary Grants;—				
Treasury Grant	.....	16,000 0 0		
Board of Education (Professional Education)	.....	3,325 6 8		
Board of Education Superannuation and Pension Fund:—				
Balance brought forward from Session 1912-13	2,002 13 4			
Received, Session 1913-14	950 0 0			
Deposit Account Interest (2 years)	92 15 3			
	3,045 8 7			
Less Expenditure Session 1913-14	£ s. d. 537 6 3			
Less Balance carried forward to Session 1914-15	1,758 11 8	2,295 17 11		
			749 10 8	
(Being £175 appropriated to make up College Contribution to Pension Fund; £539 10*s.* 8*d.* Pensions (1910-14) chargeable to this Account; and £35 for Administration Charges.)				
Board of Education (Fees and Apparatus)		2,483 11 6		
Less amount included in Fees	£2,443 7 0			
Apparatus charges	40 4 6	2,483 11 6	.....	
Indian School Grant	.....		300 0 0	
			20,374 17 4	19,208 3 4
her Income:—				
Interest and Dividends:—				
Interest on Deposits		112 11 10		
Lady Goldsmid Fund		117 8 0		
Maintenance Fund		428 14 8		
Do. Do. (Bawden)		640 0 0		
Holme Fund		339 11 6		
Library Deposit Fund		10 6 1		
Pension Fund (Administration Charges)		25 0 0		
			1,673 12 1	
Rents, Sales, etc.:—				
Houses and Land		185 13 11		
Refectory and Societies		153 0 7		
Lockers		153 17 0		
Sales of Calendars, etc.		90 7 5		
Chemistry Department		172 1 3		
Miscellaneous		134 14 2	889 14 4	2,563 6 5	2,680 6 7
				66,694 2
ance being excess of Expenditure over Income for the Year 1912-13	.....	.....		173 10
			£71,567 17 0	£66,867 13
ance brought forward from Session 1912-13	.....	.....	984 12 7	
ance brought down	.....	.....	307 14 9	
			£1,292 7 4	
lance brought down (see Balance Sheet, p. 92)	.....	.....	1,292 7 4	

UNIVERSITY OF LONDON,

Dr. COLLEGE TRUST FUNDS INCOME AND EXPENDITURE

EXPENDITURE.

	1913-1914.	1912-1913.
To Application of Trust Funds Dividends, viz.:—	£ s. d.	£ s. d.
Andrews: Scholars and Expenses	145 11 0	189 19 0
Astor: Professors	527 12 9	528 14 9
Barlow: Lecturer and Expenses	25 12 2	25 12 2
Bayliss: Apparatus	58 10 10	66 17 10
Berridge: Professor, Assistant, Apparatus and Expenses	296 5 0	298 9 10
Bucknill: Scholars and Expenses	120 5 0	228 8 0
Campbell Clarke: Scholar and Expenses	63 6 0	42 6 0
Celtic: Lecturer, Books and Expenses	27 6 11	21 15 5
Cluff: Prize	.....	15 0 0
Crabb Robinson (Flaxman): Beadle and Repairs to Flaxman Gallery and Expenses	88 15 6	88 16 4
De Moleyns: Electrical Apparatus	15 0 10	15 0 10
Derby: Scholars and Expenses	33 0 0	63 0 0
Edwards: Professor	150 18 4	155 11 0
Fielden: Professor, Scholar and Expenses	199 11 8	192 19 2
Foster, Carey: Prize and Expenses	5 12 7	6 16 0
Galton: Professor, Assistants, Apparatus, etc.	2459 7 6	.....
Geological Museum: Apparatus	10 15 3	10 15 9
Goldsmid Professorships: Professors	98 9 9	98 13 10
Goldsmid, Sir F. H., Bart.: Professors, Scholars and Expenses	535 12 0	475 12 0
Do. Do. Do.: College Establishment	374 6 3	435 19 2
Goodall: Scholar	22 1 0	22 1 0
Grant: Purchase and binding of Books and Expenses	66 0 4	62 10 4
Griffith: Assistants	67 0 0	66 0 0
Grote: Professor	222 9 4	222 14 0
Grove: Dividends Invested and Expenses	53 3 0	3 12 0
Head: Prize and Expenses	4 4 2	5 1 0
Heimann: Medals	1 5 0	14 0
Hobbes, John Oliver: Scholar, Dividends Invested and Expenses	51 7 0	21 7 0
Hollier: Scholars, Examiners and Expenses	160 3 0	148 13 0
Hume: Scholar, Examiners, Dividends Invested and Expenses	90 0 0	84 19 0
Jessel: Student and Expenses	15 14 0	85 13 0
Jews' Commemoration: Scholars and Expenses	31 13 0	31 13 0
Jodrell Physiology: Professor	264 2 8	264 13 8
Jodrell Zoology: Professor	252 3 3	252 13 9
Lewis, Bunnell: Prizes and Expenses	38 17 6	24 6 6
Lloyd: Dividends Invested and Expenses	15 16 0	18 15 0
Malden: Scholar, Medal and Expenses	21 9 0	41 18 0
Melvill Nettleship: Prize	4 0 0	4 0 0
Mill: Scholar and Expenses	21 11 0	1 11 0
Mocatta: Purchase and binding of Books and Expenses	78 11 6	61 15 5
Morison: Lecturer, Scholar and Expenses	237 12 0	151 12 6
Morison Scholarship: Scholar, Dividends Invested and Expenses	93 4 9	3 13 0
Morley: Medal	13 5	13 5
Morris Bursary: Bursar	4 0 0	45 14 5
Morris Prize: Prize	1 10 9	4 0 6
Murray: Expenses	7 0	7 0
Newmarch: Lecturer	60 0 0	60 0 0
Peel Memorial: Books, etc. for Working Men's Societies and Expenses	20 0 9	39 8 1
Peene: Purchase and binding of Books and Expenses	51 12 9	51 12 10
Pender Memorial: Electrical Apparatus	134 18 6	131 11 11
Postgate: Prize and Dividends Invested	.....	14 1 7
Quain: Professors, Assistants, Prize, Apparatus and Expenses	1,763 14 0	1,673 14 0
Quain Law: Professor and Expenses	384 5 11	384 6 1
Retired Professors: Dividends Invested	249 1 1	300 0 0
Ricardo: Purchase of Books and Expenses	32 3 10	12 12 2
Rothschild, Hester & L. M. (Halfon): Prizes and Expenses	62 11 0	47 11 0
Rothschild, Mayer de: Scholars and Expenses	44 8 0	44 8 0
Schäfer: Prize	18 0 0	.....
Sharpey: Scholar	102 0 6	102 6 0
Slade Prizes: Prizes and Expenses	69 11 6	111 14 0
Slade Professorship: Professor	231 14 0	231 14 0
Slade Scholarships: Scholars, Assistant, Models, Apparatus and Expenses	319 1 8	319 15 0
Thompson-Yates: Professor	31 8 8	31 10 0
Tuffnell: Scholars and Expenses	249 1 0	249 0 0
Warr: Bursar	.....	.....
Watson, Ellen: Scholar and Expenses	16 0 0	36 0 0
West: Scholar and Expenses	31 12 0	31 12 0
Women's History: Purchase of Books	7 2 8	6 12 8
Yates Archæology: Professor and Expenses	276 13 6	314 6 3
Yates Geology: Professor and Expenses	265 12 8	268 9 10
	£11,475 12 0	£9,053 4 0
Balance (see Balance Sheet, page 96)	1,924 8 6	1,326 2 0
	£13,400 0 6	£10,379 6 0

UNIVERSITY COLLEGE.

Account for the year ended August 31st, 1914. *Cr.*

INCOME.

By Trust Funds Dividends, viz.:—	1913-1914. Receipts during the Year. £ s. d.	1913-1914. Total Income (after adjusting the previous year's balances). £ s. d.	1912-1913. £ s. d.
Andrews	198 11 2	197 8 5	188 16 3
Astor	527 12 9	527 12 9	528 14 9
Barlow	25 11 1	26 17 10	26 18 11
Bayliss	68 12 5	68 12 5	66 17 10
Berridge	296 5 0	296 5 0	298 9 10
Bucknill	159 17 7	471 6 5	539 16 10
Campbell Clarke	45 11 4	66 19 6	63 14 2
Celtic	21 16 7	31 7 2	31 6 0
Cluff	7 19 9	5 11 8	12 11 11
Crabb Robinson (Flaxman)	89 18 2	137 2 2	136 0 4
De Moleyns	15 0 2	15 0 2	15 0 10
Derby	59 12 2	104 4 7	107 12 5
Edwards	150 18 4	150 18 4	155 11 0
Fielden	199 11 8	199 11 8	192 19 2
Foster, Carey	5 17 10	13 16 0	14 14 2
Galton	2,821 12 5	2,821 12 5	.....
Geological Museum	10 14 9	10 14 9	10 15 9
Goldsmid Professorships	98 9 9	98 9 9	98 13 10
Goldsmid, Sir F. H., Bart.	909 18 3	909 18 3	911 11 2
Goodall	20 4 9	97 9 8	99 5 11
Grant	65 18 0	65 18 0	62 10 4
Griffith	66 11 9	67 6 3	66 14 6
Grote	222 9 4	222 9 4	222 14 0
Grove	76 0 9	135 5 2	62 16 5
Head	4 19 7	8 2 3	8 3 8
Heimann	1 15 2	5 2 3	4 1 1
Hobbes, John Oliver (Mrs. Craigie)	22 15 1	59 1 8	57 13 7
Hollier	152 7 2	160 6 9	156 12 7
Hume	76 5 2	139 18 5	148 12 3
Jessel	64 10 4	79 8 4	100 11 0
Jews' Commemoration	33 0 2	47 1 11	45 14 9
Jodrell Physiology	264 2 8	264 2 8	264 13 8
Jodrell Zoology	252 3 3	252 3 3	252 13 9
Lewis, Bunnell	32 16 1	81 4 1	72 14 6
Lloyd	16 13 9	32 14 9	34 16 0
Malden	25 7 4	29 6 4	45 17 0
Melvill Nettleship	4 0 0	6 7 4	6 7 4
Mill	30 13 5	63 2 0	33 19 7
Mocatta	78 11 6	78 11 6	61 15 5
Morison	251 1 10	251 1 10	151 12 6
Morison Scholarship	78 4 1	147 7 9	72 16 8
Morley	13 5	13 5	13 5
Morris Bursary	18 13 3	22 16 7	49 17 9
Morris Prize	3 0 10	5 13 3	6 12 11
Murray	6 18 8	13 2 6	6 10 10
Newmarch	60 19 1	61 18 5	60 19 4
Peel Memorial	43 11 2	48 1 0	43 17 11
Peene	51 11 7	51 11 6	51 12 9
Pender Memorial	134 18 6	134 18 6	131 11 11
Postgate	3 14 10	4 6 0	14 12 9
Quain	1,764 2 8	1,765 10 8	1,675 2 0
Quain Law	383 12 7	386 5 9	386 19 3
Retired Professors	347 14 11	544 10 2	496 15 3
Ricardo	48 0 4	76 0 9	40 12 7
Rothschild, Hester & L. M. (Halfon)	52 0 8	83 3 10	78 14 2
Rothschild, Mayer de	47 9 6	67 10 2	64 8 8
Schäfer	6 2 11	26 18 8	20 15 9
Sharpey	102 0 6	102 0 6	102 6 0
Slade Prizes	75 2 8	87 5 5	123 16 9
Slade Professorship	231 4 4	231 4 4	231 14 0
Slade Scholarships	319 1 8	319 1 8	319 15 0
Thompson-Yates	31 8 8	31 8 8	31 10 0
Tuffnell	182 18 11	257 2 4	323 3 5
Warr	3 0 10	12 14 5	9 13 7
Watson, Ellen	20 6 4	25 9 8	41 3 4
West	32 0 2	43 19 4	43 11 2
Women's History	7 1 0	7 6 1	6 17 9
Yates Archæology	276 13 6	276 13 6	314 6 3
Yates Geology	265 12 8	265 12 8	268 9 10
	£12,073 18 6	£13,400 0 6	£10,379 6 0

UNIVERSITY OF LONDON,

Dr GENERAL BALANCE SHEET OF THE

LIABILITIES AND CAPITAL.

	£ s. d.	£ s. d.
To COLLEGE GENERAL CAPITAL ACCOUNT.		
Balance, August 31st, 1913	232,364 15 11	
Egyptology Collection	5,850 0 0	
Pharmacology Institute (1913–14)	115 0 7	
		238,329 16 6
To COLLEGE ESTABLISHMENT INCOME AND EXPENDITURE ACCOUNT. (See Account, page 84)	.....	1,292 7 4
To TRUST FUNDS REVENUE ACCOUNT. (See page 94)	.....	1,924 8 6
To LOAN FROM BANKERS (General Account)	.....	6,500 0 0
To LOAN FROM BANKERS (Hawarden Castle)	.....	2,250 0 0
To SUNDRY CREDITORS	.....	2,256 10 1
To SUNDRY OUTSTANDING ACCOUNTS AND UNEXPENDED BALANCES.		
	£ s. d.	
Apparatus and Keys Deposits	100 0 0	
Benington Research Studentship	50 0 0	
Botany Apparatus Account	36 6 8	
Chemistry Department Stores Account	34 9 4	
Composition Fees Suspense Account	1,064 5 0	
Crabb Robinson Trustees	30 0 0	
Drapers' Company Fund	493 5 11	
Egyptology Account	891 18 9	
University Account (German Library)	15 0 0	
Mocatta Memorial Library Fund	31 3 8	
Morison, Rosa, Fund	147 12 8	
Norman-Robinson Fund	902 11 9	
Practical Anatomy Dissection Fees	474 6 1	
Subscriptions and Donations Suspense Account	633 11 5	
Superannuation and Pension Fund Suspense Account	1,758 11 8	
Suspense Account	165 4 0	
Zoology Apparatus Account	41 13 2	
Sundry Accounts	47 15 8	
		6,917 15 9
		£259,470 18 2

I have audited the above Accounts and Balance Sheet with the books, Report, certify them as being in accordance therewith. I have verified

UNIVERSITY COLLEGE.

College, August 31st, 1914. *Cr.*

ASSETS.

	£ s. d.	£ s. d.
By College Freehold Land, Buildings, Furniture, Library, etc., being the Land with the Buildings of the College and the Buildings Extensions, at the Approximate Valuation of August 31st, 1897 (as per last Balance Sheet)	186,000 0 0	
By Physiology Institute (Ditto)	21,842 14 10	
By Pharmacology Institute (Ditto)	5,429 18 8	
Expended during 1913–14	115 0 7	
	5,544 19 3	
By Egyptology Collection	5,850 0 0	
		219,237 14 1
By Suspense Account, Sculpture Studios (to be provided out of Receipts of subsequent years) as per last year's Balance Sheet	143 19 9	
Less amount written off (Income and Expenditure Account)	100 0 0	
		43 19 9
By College Investments at cost* (the approximate valuation of the day could not be made on August 31st owing to the Moratorium).		
Maintenance Fund :—		
Consols 2½ per cent.	7,569 0 9	
London County Council 3½ per cent. Stock	6,448 3 6	
	14,017 4 3	
Lady Goldsmid Fund :—		
Bank of England Stock	3,053 11 1	
		17,070 15 4
By Gower Street Houses.		
Cost as at August 31st, 1895	.....	4,500 0 0
By Refectory Department, Plant, etc.	.....	422 4 10
By Electric Rewiring and Heating.		
Rewiring	1,048 7 10	
Heating	1,741 11 1	
		2,789 18 11
By Sundry Outstanding Accounts.		
Loan to Refectory	255 0 0	
Pension Fund	30 5 0	
Sundry Debtors	313 14 3	
		598 19 3
By Special Suspense Account	.....	692 7 9
By Purchase of "Hawarden Castle"	.....	2,253 14 5
By Equipment and Endowment Account (Loan)	.....	1,984 16 5
By Architecture Equipment Account	.....	609 8 0
By Purchase of All Saints' Church (for conversion into Great Hall)	.....	6,075 13 1
By Deposits with Bankers.		
General Account	15 0 0	
Drapers' Company Fund	496 1 1	
Galton Fund	126 11 0	
Mocatta Memorial Library Fund	30 19 4	
Superannuation and Pension Fund Suspense Account	1,786 3 2	
		2,454 14 7
By Cash at Bank	530 9 8	
„ in transit	40 12 6	
„ in hand	165 9 7	
		736 11 9
		£259,470 18 2

* In addition the College receives for the same purpose from the Bawden Trustees the Income upon £16,000 (see page 89 under Interest and Dividends).

accounts and vouchers relating thereto; and, subject to the accompanying the Bank Balances and the Investments.

(Sgd.) C. WALTER KNOX, B.Sc., F.C.A., *Auditor to the University.*

UNIVERSITY OF LONDON,

Dr. PENSION FUND BALANCE

LIABILITIES.

	£ s. d.	£ s. d.
To BENEFICIARIES' AND COLLEGE CONTRIBUTIONS ACCOUNTS :—		
Amount brought forward August 31st, 1913	7,155 11 4	
Beneficiaries' Contributions to August 31st, 1914. 696 10 0		
College Ditto Ditto 696 10 0		
	1,393 0 0	
Interest on Ditto Ditto	203 10 10	
	8,752 2 2	
Less Prof. J. D. Cormack's Contributions Accounts	596 17 2	
		8,155 5 0
To AUGMENTATION ACCOUNT :—		
Balance August 31st, 1913	119 19 7	
Balance of Income Account transferred	4 10 7	
		124 10 2
To SUNDRY CREDITORS:—		
The College :—		
Expenses paid or incurred on behalf of the Fund		30 5 0
		£8,310 0 2

I have audited the above Accounts and Balance thereto; and, subject to the accompanying Report,

16 Finsbury Circus, London, E.C.
January 1, 1915.

UNIVERSITY COLLEGE.

SHEET, AUGUST 31ST, 1914. *Cr.*

ASSETS.

	£	s.	d.
By The Commercial Union Assurance Company ..... (funds in their hands at this date.)	8,310	0	2
	£8,310	0	2

Sheet with the books, accounts and vouchers relating certify them as being in accordance therewith.

(Sgd.) G. WALTER KNOX, B.SC., F.C.A., *Auditor to the University.*

UNIVERSITY OF LONDON,

Dr. TRUST FUNDS BALANCE

LIABILITIES AND CAPITAL.

	£ s. d.	£ s. d.
To COLLEGE TRUST FUNDS CAPITAL ACCOUNT.		
Balance August 31st, 1913	286,236 4 9	
Add Sundry Dividends Invested (Transferred from Income and Expenditure Account)	463 12 10	
Bucknill Fund	95 3 6	
Galton Fund	39,050 7 9	
Rosa Morison Fund	1,300 10 0	
Quain Fund	2,413 4 3	
		329,559 3 1
To COLLEGE TRUST FUNDS INCOME AND EXPENDITURE ACCOUNT.		
Balance August 31st, 1914, being the sum of the Balances at that date		1,924 8 6
		£331,483 11 7

I have audited the above Accounts and Balance Sheet with the books, Report, certify them as being in accordance therewith. I have verified

16 Finsbury Circus, London, E.C.
January 1, 1915.

UNIVERSITY COLLEGE.

SHEET, AUGUST 31ST, 1914. *Cr.*

ASSETS.

	£	*s.*	*d.*
By COLLEGE TRUST FUNDS AS PER SCHEDULE OF INVESTED FUNDS ANNEXED, AT COST (the approximate valuation of the day could not be made on August 31st owing to the Moratorium)	329,559	3	1
By AMOUNT owing by College (see General Balance Sheet, page 92)	1,924	8	6
	£331,483	11	7

accounts and vouchers relating thereto; and, subject to the accompanying
the Bank Balances and the Investments.

(Sgd.) G. WALTER KNOX, B.Sc., F.C.A., *Auditor to the University.*

UNIVERSITY OF LONDON, UNIVERSITY COLLEGE.

INVESTED FUNDS. August 31st, 1914.

	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.	27.	28.	29.	30.	31.	32.	33.	34.	35.	36.	37.	38.	39.	40.	41.	42.	43.	44.	45.	46.	47.	48.	49.
	Consols 2½ %/-	Bank of England Stock.	Guaranteed 3% Land (Irish) 1903.	London County Council 3½%/-	Middlesex County Council 3½%/-	Metropolitan 3%/-	Metropolitan 3½%/-	India 3%/-	India 3½%/-	Belfast Corporation 3½% Stock Redeemable.	Birmingham Corporation 3%/-	Bristol Corporation 3½%/- Redeemable.	Croydon Corporation 3½%/- Redeemable (1940–60).	Liverpool Corporation 2¾%/-	Corporation of London 3½% Debenture	Nottingham Corporation 3%/- Irredeemable.	Swansea Corporation 3%/-	Dominion of Canada 2½%/-	Natal 3½% Guaranteed.	Newfoundland Government 3½% Inscribed.	Scinde Railway Annuity B.	Plymouth Corporation 2½%/- Redeemable.	Sheffield Corporation 3½%/- Stock Redeemable.	Canadian Pacific Railway Company Preference Stock.	Cardiff Railway 3½%/- Debenture.	East Indian Railway.	Great Central Railway 4½%/- Debenture Stock.	Great Eastern Railway 4%/-	Great Indian Peninsula Railway.	Great Northern Ry.	Great Western Railway.	Hammersmith & City Railway Co. Limited Ord. Stock.	Lancashire and Yorkshire Railway 3%/- Consolidated Ord.	London, Brighton & South Coast Railway 4%/- Debenture Stock.	London and North-Western Railway.	London and South-Western Railway.	Metrop. District Railway 4%/- Debenture.	Midland Railway 2½%/-	North London Railway.	Railway Invest. Co. Limited 4%/- Preference.	South-Eastern Railway.	Calico Printers' Assoc. 4%/- Perpetual Debenture Stock.	Ealing Brewery 4%/- Irredeemable Debenture.	Ednie Brewery Limited £1 Ordinary Shares.	Edmonds Trust	Metropolitan Water Board 3%/- Stock Redeemable.	Metropolitan Water Board Stock.	United Steamship Steel Corporation 6%/- Sinking Fund Gold Bonds Redeemable.	National Rail Road of Mexico Prior Lien 4%/- Gold Bonds.	Ground Rents.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£	£ s. d.	£ s. d.	£ s. d.	s. d.	£	£ s. d.	£ s. d.	£	£	£	£ s. d.	£	£	£	£	£	£	£ s. d.	£	£	£	£	£	£ s. d.	£	£	£	£	£	£	£	£	£	£ s. d.	£	£	£	£ s. d.
*Maintenance Fund	7,946 6 10			6,600 15 7																																												
Lady Goldsmid Fund		1,202 3 9																																															
Andrews Scholarships							5,686 5 0																																											
Astor Professorships	21,149 18 11																																																
Barlow Lectureship	1,000 0 0																																																
Do. Accumulation of Dividends						19 19 9																																											
Bayliss																																																	
Berridge																																																	
Bucknill Scholarship																																																	
Campbell Clarke Scholarship																1,437 7 1	9,933 1 7																																	
Celtic																						2,000																											
Cluff Memorial Prize																																																
Crabb Robinson (Flaxman)																																																
De Morgan	601 9 3																																															
Derby Scholarship																1,987 10 6																																	
Edwards Professorship																																																
Fielden Professor and Scholars																										57 (t)		2,451 (u)																					
Foster, Carey, Prize				4 18 2																																													
Galton					2,500			3,138 19 0							2,850				2,000	2,550	2,600			143		1,950 (b)(f)		912 (f)	1,310 0 0 (e)(f)	2,240 (a)(f)	2,552 (e) 2,500 (d)	(h) (f)			6,877 0 0 (a)(f)			1,104 0 0 (f)			4,000 (e) (m) 1,900 (c) 1,850 (d)	(f) (j)				3,100			959 17 11
Geological Museum				306 15 3		3,290 3 8																				297 (t)			297 2 9 (t)																				
Goldsmid Professorships						14,826 8 2																				67 (t)																							
Goldsmid, Sir F. H., Bart.						2,201 8 0																																											
Goodall Scholarship						10 13 10																																											
Grant (Zoological Library)																																																
Griffith																																																
Grote Professorship																																																
Grove Scholarship																																																
Do. Accumulation of Dividends									1,091 5 11	1,000																																							
Head Prize	199 3 11								54 15 7																																								
Heimann Medal							50 0 0																																									
Hobbes, John Oliver (Mrs. Craigie) Memorial Scholarship																																																
Do. Accumulation of Dividends	69 12 5																																															
Hollier Scholarships	4,907 11 10																																															
Do. Examination	1,200 0 0																																															
Holme			12,400 0 0																																														
Hume Memorial Scholarships						180 8 0	1,247 17 0																																										
Do. Accumulation of Dividends						797 16 3	129 16 9																																										
Jessel Studentship	2,436 15 4																																															
Do. Accumulation of Dividends	189 8 5																																															
Jews' Commemoration Scholarship	1,000 0 0																																															
Jodrell Physiology Professorship				29 8 9			200 0 0																																									
Do. Zoology Professorship									7,220 4 4					2 13 11																																			
Lewis, Bunnell, Prizes																																																
Do. Accumulation of Dividends																					454 9 11							512 15 3																				
Library Deposits						88 13 0	127 2 4		90 9 3																			54 5 6																					
Lloyd Scholarships				433 1 6																																												
Do. Accumulation of Dividends				54 5 9																																												
Malden Medal and Scholarship						276 8 3	470 6 10																																									
Do. Accumulation of Dividends						22 16 0																																										
Melvill Nettleship Prize																																															
Mill Scholarship						314 15 6																																									
Do. Accumulation of Dividends						43 7 0																																										
Mocatta Library			1,455 16 6			1,285 1 3																																									
Morison, Rosa, Fund																																															
Do. Scholarship																																															
Do. Do. Accumulation of Dividends																																															
Morley Medal																																															
Morris Bursary						35 9 5										22 7 6																																
Do. Accumulation of Dividends						100 17 8																																										
Morris Prize																																															
Murray Scholarship																																															
Newmarch Lectureship																																															
Peel	1,745 15 1																																														
Perne																																															
Pfeiffer Professorship		1,381 15 0					1,480 16 6																																								
Postgate						62 9 0																																									
Do. Accumulation of Dividends						12 12 6																																									
Quain	6,304 3 7		1,968 12 4				2,000 0 0																	50																							
Quain Law Professorship				66 10 9																					8,320	1,000	588 1 9 11 (f)	3,375 (e)(g)	2,000 (a) (h)	4,000				2,666 (a)(r)		3,440 0 0 (f)										
Retired Professors	1,301 3 9			196 5 10		2,668 5 11																																								
Do. Accumulation of Dividends				308 16 7		989 9 7										1,154 1 2																3,333															
Ricardo Scholarship							594 19 8																						2,100 (e) (j)							4,000 0 0 (p)											
Do. Accumulation of Dividends				73 10 5			701 18 8																						194 (e) (j)							550 0 0 (f)											
Rothschild, Hesten & L. M. (Halfon) Prizes																																															
Do. Accumulation of Dividends																																															
Rothschild, Mayer de, Exhibition																																															
Schafer Memorial Prize						205 1 2	*																																									
Sharpey Scholarship			566 16 0			129 0 6																						66 15 6 (f)																				
Slade Prizes									2,108 9 3																			48 1 9 (f)																				
Do. Accumulation of Dividends									44 3 8																																							
Slade Professorship									6,820 2 8																																							
Slade Scholarships									9,135 4 1																																							
Thompson-Yates																																															
Tuffnell Scholarships									5,153 9 9																																						
Do. Accumulation of Dividends									88 7 4																																						
Ware Bursary						100 17 8																																								
Watson, Ellen, Scholarship						248 7 3			347 16 6																																					
Do. Accumulation of Dividends									22 1 10																																					
West Scholarship						68 13 3																																								
Women's History		72 2 4																																											
Yates Archæology Professorship																																														
Do. Geology Professorship																																														
Do. Do. Do.																																														
	50,051 9 4	2,656 1 1	15,791 4 10	8,074 8 7	2,500	27,979 2 7	12,689 2 6	3,138 19 0	31,976 10 2	1,090	1,107 9 7	454 9 11	567 0 9 7	13 11	2,850	4,901 6 3	9,933 1 7	2,000	2,550	2,000	1 2	2,000	50	143	8,320	2,371	1,000	3,363	2280 19 2	5,615	12,846	4,000	3,333	700	18,784	13,439	333	22,093 18 1	6,402	1,524	12,882	100	100	37 10	1,736 5 1	3,100	$2,000	$500	959 17 11

* In addition the College receives for the same purpose from the Bawden Trustees the Income upon £16,000.

(a) 3 %/-. (b) 3½%/- (c) 4 %/-. (d) 4½%/- (e) 5 %/-. (f) Debenture Stock. (g) Preferential Consolidated Stock. (h) Rent Charge Stock. (j) Consolidated Guaranteed Stock. (k) Consolidated Ordinary Stock.
(l) Perpetual Debenture Stock. (m) Consolid. d Preference Stock. (n) Consolidated Stock. (p) Preference Stock. (r) Consolidated Debenture Stock.
(t) Annuity "B." (u) Perpetua Guaranteed Stock. (p) Perpetual Guaranteed Preferential Stock. (s) Debenture Stock "A."

January 1st, 1915.

(Sgd.) G. WALTER KNOX, B.Sc., F.C.A., *Auditor to the University.*

Standing at a Book value of £939,559 3s. 1d. (the approximate valuation of the day of the sale could not be made on August 31st owing to the Moratorium).

Standing at a Book value of £1,717,070 13s. 9d. (the approximate valuation of the day of the sale could not be made on August 31st owing to the Moratorium).

UNIVERSITY OF LONDON, UNIVERSITY COLLEGE.

The Treasurer of the Equipment and Endowment Fund (The Hon. Rupert Guinness) in account with the College.

EQUIPMENT AND ENDOWMENT ACCOUNT

FROM JANUARY 1902 TO AUGUST 31st, 1914.

Dr.

	£ s. d.	£ s. d.
To *Subscriptions received*:—		
To the 31st August, 1913	165,674 11 7	
Ditto during the year 1913–14	23 12 0	
		165,698 3 7
Ditto on behalf of Boys' School (Hampstead Appeal) to the 31st August, 1906	.....	2,924 12 11
Ditto Lady Campbell Clarke in L. & S.W. Ry. Debenture Stock for Scholarship	.....	1,500 0 0
Ditto on behalf of Physiology Institute Account to the 31st August, 1910	.....	6,670 15 0
Ditto on behalf of New Chemical Laboratories Fund to the 31st August, 1913	67,861 5 6	
Ditto during the year 1913–14	53 7 6	
		67,914 13 0
Ditto on behalf of Pharmacology Institute to the 31st August, 1913	5,005 5 0	
Ditto during the year 1913–14	10 0 0	
		5,015 5 0
Ditto on behalf of New Architecture Building Fund and Department of Applied Statistics and Eugenics to the 31st August, 1913.....	1,500 0 0	
Ditto during the year 1913–14	1,000 0 0	
		2,500 0 0
Ditto on behalf of Purchase of Prof. Petrie's Collection	.....	6,839 19 0
Ditto on behalf of Great Hall		1 11 6
		259,065 0 0*
To *Dividends on General Investment Account*		872 14 9
To *Dividends on Astor Fund Account*		272 12 8
To *Dividends on Bawden Fund Account*		480 0 0
To *Interest on Loan and Deposits* to the 31st August, 1913	2,581 15 0	
Ditto during the year 1913–14	1 0 4	
		2,582 15 4
To *Rents, less Rates, Taxes, and Insurance*		784 19 8
To *Interest on Physiology Institute Deposit Account* to the 31st August, 1910		68 2 11
To *Interest on New Chemical Laboratories Fund Deposit Account* to the 31st August, 1913	2,016 3 2	
Ditto during the year 1913–14 ..	161 18 4	
		2,178 1 6
To *Sir William Ramsay's Donation for Chemical Books*		500 0 0
Ditto *Interest on Deposit Account* to the 31st August, 1913	3 0 3	
Ditto during the year 1913–14 ..	17 1 6	
		20 1 9
To *Rents (New Chemical Laboratories Site) less Rates and Taxes* to the 31st August, 1913	766 5 10	
Ditto during the year 1913–14 ..	114 15 11	
		881 1 9
To *Interest on Pharmacology Institute Deposit Account* to the 31st August, 1913		176 17 8
To *Interest on New Architecture Building Fund Deposit Account* to the 31st August, 1913.....	22 17 5	
Ditto during the year 1913–14 ..	7 19 10	
		30 17 3
To *Interest on Egyptology Fund Deposit Account* to the 31st August, 1913.	10 3 10	
Ditto during the year 1913–14 ..	27 1 8	
		37 5 6
To *Loan from Bankers*		1,000 0 0
To *Ditto College*		1,984 16 5
		£270,935 7 2

Cr.

	£ s. d.	£ s. d.
By *University College General Capital Account*		30,000 0 0
By *Ditto Maintenance Fund Account*:—		
Share of Incorporation Fund	13,443 13 4	
Interest on Fund pending transfer ..	573 10 11	
		14,017 4 3
By *Ditto Pharmacology Institute Account* to the 31st August, 1913	5,429 18 8	
Ditto Ditto during the year 1913–14 ..	115 0 7	
		5,544 19 3
By *Ditto Physiology Institute Account* (Incorporation Fund)	10,000 0 0	
Ditto Ditto (Subscriptions)	6,738 17 11	
		16,738 17 11
		66,301 1 5
By *Ditto Establishment Account Interest* (Alterations to Buildings)		151 7 5
By *Ditto New Chemical Laboratories Account* to the 31st August, 1913	58,912 18 3	
Ditto during the year 1913–14	14,176 1 5	
(Expended on Site etc. to date)		73,088 19 8
By *Ditto New Architecture Building Account* to the 31st August, 1913.	606 13 3	
Ditto during the year 1913–14	1,210 16 11	
	1,817 10 2	
By *Ditto Department of Applied Statistics and Eugenics* to the 31st August, 1913	200 0 0	
Ditto during the year 1913–14	711 2 3	
	911 2 3	
		2,728 12 5
By *University College Trust Funds Capital Account*		22,720 18 9
By *University College Trust Funds Dividend Account*		278 2 6
By *New Medical School*:—		
On account of Purchase of Site		30,373 14 3
By *University College School Building and Removal Fund*:—		
Share of Incorporation Fund	59,400 0 0	
Hampstead Appeal	2,924 12 11	
Interest on Funds pending transfer	617 17 4	
		62,942 10 3
By *Department of Egyptology*:—		
Purchase of Prof. Petrie's Collection	5,850 0 0	
Expenses in connection with the same	23 1 2	
Transferred to University College	1,004 3 4	
		6,877 4 6
By *Department of Geology*		734 3 0
By *Department of Political Economy*		193 8 0
By *Department of Engineering*		213 11 6
By *Department of Chemistry*		105 0 0
By *General Administration Expenses*, including Advertising, Printing, Postage and Stationery to the 31st August, 1913	3,176 7 7	
Ditto during the year 1913–14.....	501 4 9	
		3,677 12 4
By *Heating Suspense Account*		36 0 0
By *Interest on Loan from Bankers*		15 1
Ditto Ditto from College		1 19 8
By *Balance of Funds in hand*, as follows:—		
Deposit with Bankers (Sir William Ramsay's Donation)	509 14 8	
Cash at Bankers on Current Account	11 9	
		510 6 5
		£270,935 7 2

* The Donations of Sir Donald Currie are not included in this amount as they are administered and accounted for by a specially appointed Committee.
The Bawden Fund (£16,000) also is not included as it is vested in special Trustees.

1st January, 1915.

(Sgd.) G. WALTER KNOX, B.Sc., F.C.A., *Auditor to the University.*